American Journal of Obstetrics and Gynecology

Editors

JOHN I. BREWER, Editor in Chief Sandra Fernandez, Senior Editorial Assistant

FREDERICK P. ZUSPAN, Editor Meta M. Peterson, Editorial Assistant

E. J. QUILLIGAN, Editor Rosalyn Vu, Editorial Assistant

ALBERT B. GERBIE, Associate Editor

Advisory committee on policy

John M. Bissonnette Walter S. Keifer
William Droegemueller Edgar L. Makowski
T. Terry Hayashi James H. Maxweil
John C. Hobbins James A. Merrill
Hobart C. Hortman Patrick T. Mohide

Board of corresponding editors

Oscar Aguero, Caracas Frederick Kubli, Heidelberg Pierre O. Hubinont, Brussels Malcolm Symonds, Nottingham Ichiro Taki, Fukuoka

Publisher

THE C. V. MOSBY COMPANY, 11830 Westline Industrial Drive, St. Louis, Missouri 63146

Kay Goehler, Senior Manuscript Editor

Volume 153 September-December, 1985 The C. V. Mosby Company St. Louis 1985 in addition to those listed on the front cover the Journal is the official publication of the following societies

NEW YORK OBSTETRICAL SOCIETY OBSTETRICAL SOCIETY OF PHILADELPHIA BROOKLYN GYNECOLOGICAL SOCIETY ST. LOUIS GYNECOLOGICAL SOCIETY NEW ORLEANS GYNECOLOGICAL AND OBSTETRICAL SOCIETY THE OBSTETRICAL AND GYNECOLOGICAL SOCIETY OF MARYLAND CHICAGO GYNECOLOGICAL SOCIETY CINCINNATI OBSTETRICAL AND GYNECOLOGICAL SOCIET! WASHINGTON GYNECOLOGICAL SOCIETY PITTSBURGH OBSTETRICAL AND GYNECOLOGICAL SOCIETY BOSTON OBSTETRICAL SOCIETY LOUISVILLE OBSTETRICAL AND GYNECOLOGICAL SOCIETY SEATTLE GYNECOLOGICAL SOCIETY ALABAMA ASSOCIATION OF OBSTETRICIANS AND GYNECOLOGISTS AKRON OBSTETRICAL AND GYNECOLOGICAL SOCIETY KANSAS CITY GYNECOLOGICAL SOCIETY CENTRAL NEW YORK ASSOCIATION OF GYNECOLOGISTS AND OBSTETRICIANS

NEW JERSEY OBSTETRICAL AND GYNECOLOGICAL SOCIETY IOWA OBSTETRIC AND GYNECOLOGIC SOCIETY THE TEXAS ASSOCIATION OF OBSTETRICIANS AND GYNECOLOGISTS OKLAHOMA CITY OBSTETRICAL AND GYNECOLOGICAL SOCIETY MEMPHIS OBSTETRICAL AND GYNECOLOGICAL SOCIETY UTAH OBSTETRICAL AND GYNECOLOGICAL SOCIETY ROCHESTER OBSTETRICAL AND GYNECOLOGICAL SOCIETY ARKANSAS OBSTETRICAL AND GYNECOLOGICAL SOCIETY TENNESSEE STATE OBSTETRICAL AND GYNECOLOGICAL SOCIETY NEW YORK GYNECOLOGICAL SOCIETY PACIFIC NORTHWEST OBSTETRICAL AND GYNECOLOGICAL ASSOCIATION BUFFALO OBSTETRICAL AND GYNECOLOGICAL SOCIETY SAN FRANCISCO GYNECOLOGICAL SOCIETY JACKSON GYNECIC SOCIETY INDIANA OBSTETRICAL AND GYNECOLOGICAL SOCIETY THE MINNESOTA OBSTETRICAL AND GYNECOLOGICAL SOCIETY

Volume 153
Copyright © 1985 by The C. V. Mosby Company
(All rights reserved)

Printed in the United States of America

Index to volume 153

Author index*

A
Aarnoudse JG, 565
Abduljabbar H, 426
Abe S, 508
Abramowicz J, 623
Abusharif AN, 390
Acker DB, 737
Acosta AA, 172
Adams A, 230 (CO)
Addison WA, 140
Adhate A, 646
Aguilar-Parada E, 797
Ahram J, 78
Ales KA, 514
Alexander ER, 244
Alexander MS, 332
Amagasaki Y, 508
Amigo NC, 79
Amos WL Jr, 154
Amparo E, 31
Amstey MS, 607, 800
Andersen BD, 332
Andersen W, 197
Andersson K-E, 619
Andreassen B, 372
Andrews MC, 172
Aranda C, 755
Argubright K, 591 (C)
Arsura E, 926 (C)
Arts NFTh, 806
Arulkumaran S, 859, 865
Atlas SA, 514, 596 (C)
R

Bacevice AE Ir. 81 de Badia D, 755 Baggish MS, 345 (C), 346 (C), 545 Balaguer G, 708 (C) Bar-Ziv J, 802 Baraf HSB, 893 Barc J, 217 (CO) Barrows GH, 551 Barss VA, 595 (C) Bateman BG, 201 Batra S. 524 Battin DA, 432 Baxi LV, 799 Beall MH, 854 Beck IC, 372 Beckmann CRB, 597 (C)

Beguin F, 633

Beitel R. 793 Bekedam DJ, 52 Belcastro AN, 482 Belisle S, 394 Bellabarba D, 394 Ben-Aderet N. 623 Benacerraf BR, 49, 595 (C) Benedetti J, 24 Bennett AH, 186 Berendes HW, 253 Berland M, 771 Berry S, 24 Bessho T. 693 Bhat N, 310 Bissonnette IM, 743 Bietla S, 883, 888 Blickstein I, 649 Block BSB, 402, 835 Bodiford C. 775 Boehm FH, 528 Bondoc B, 646 Borrisud M, 332 Borten M, 235 (C) Bourgeois FJ, 115 (C), 197, 666 Bowers D, 268 Bowman JM 7, 112 (C) Bownds LM, 244 Boylan P, 929 (C) Bracero LA, 789 Bradlev EL, 541 Briel RC, 232 (C) Brioschi P-A, 633 Brooks GG, 897 Broussard P. 567, 624 Brown ZA, 24 Buckmaster JG, 743 Buehler JW, 14 Burry KJ, 261

Buckmaster JG, 743 Buehler JW, 14 Burry KJ, 261 Buster JE, 211 (CO) Bustillo M, 211 (CO) Butler JB, 439

Calder AA, 710 (C) Callegari PB, 924 (C) Cameron AD, 710 (C) Campbell WA, 308 Cantrell CJ, 454 Capella-Pavlovsky M, 655 Carballo O, 797 Carlson C, 386

Cartwright PS, 730 Castillo M, 848 Castillo RA, 317 (CI), 595 (C) Catalan P, 708 (C) Catanzarite V. 591 (C) Catena A, 740 Cetrulo CL, 38 Challis [RG, 66, 472 Chalmers I, 929 (C) Chang RS, 815 (C) Chapman DR, 155 Chatterjee MS, 646 Cheatham JP, 570 Chi I-c, 280 Chow W-H, 727 Christensen MS, 495 Claman P, 342 (C) Clapp JF III, 251 Clark SL, 717 (CO) Clarke-Pearson DL, 164, 191 Coady DJ, 500 Coeur P, 771 Cohen D, 589 Cohen SW, 211 (CO Confino E, 894 Cook NI, 60 Coopland AT, 597 (C) Copel JA, 72, 564 Copeland W Jr, 555 Corbin J, 589 Corey L, 24 Cornwell A, 775 Cosper P, 541 Costin M. 244 Cotton RC, 528 Coulam CB, 410 Cousins L, 381 Cowett RM, 272 Cox MJ, 462, 467 Crandall BF, 224 (CO) Creasman WT, 164, 191, 520, 828 (CO) Critchlow CW, 24 Crow HC, 347 (C)

Carraher RP. 87

Cunningham FG, 358, 838 D

Daffos F, 655 Daitoh T, 328 Daling JR, 727

Cumming DC, 482

Dao AH. 730 Dashow EE, 568 Dattel B. 381 Davey DA, 814 (C) Davidson EC Jr, 685 Davies BR, 236 (C) Davis IR, 877 Davis RO, 541, 594 (C) Dean H, 783 Dean WL, 551 DeCherney AH, 72, 911 (CD) Deere LF, 571 Delbeke L. 891 DeMay RM, 60 Demers LM, 87 Dennis El. 186 Depp R, 57, 767 Devoe LD, 83 (CI), 317 (CI) DeVore GR, 591 (C), 817 (C) Diamond MP. 528 Dierksheide WC, 113 (C) Dillard T, 883, 888 Dilts PV Jr, 793 Diven DG, 709 (C) Divon MY, 454, 815 (C) diZerega GS, 432 Doellgast GJ, 124 Dogramajian ME, 462, 467 Dooley SL, 57, 767 Dooms G, 31 Dorchester W, 557 Dorsey JH, 344 (C), 345 (C), 346 (C) Druzin ML, 386, 514 Dierker LJ Jr, 81 Dudley DK, 713 (C), 927 (C) Duff P, 926 (C) Duperron L, 311 Durukan T. 804

E

Edgar BW, 854 Ekman G, 619 Elder MG, 342 (C) Ernest JM, 648 Exalto N, 806 Extermann P, 633

Dwyer G, 462

F

Fadel HE, 759 Faiman C, 486

^{*}September 1, 1-118; September 15, 119-238; October 1, 239-348; October 15, 349-478; November 1, 479-598; November 15, 599-716; December 1, 717-818; December 15, 819-956.

Falko IM, 599 (CO) Fallucca F, 534 Fanning J, 313 Farahani G, 79 Farmakides G, 789 Farrell EE, 593 (C) Feingold M, 38 Feinstein M. 77 Feinstein SI, 308 Feldblum PI, 755 Fetter BF, 164 Fields LM, 528 Figueroa JP, 589 Finley SC, 541 Finley WH, 541 Fisher MR, 31 FitzSimmons JM, 314 Fleischer A, 789 Flores CA. 685 Fluker MR, 482 Follen MM, 890 Fong KW, 264 Fonseca ME, 797 Forbes CD, 710 (C) Forestier F, 655 Foster HW Jr, 346 (C) Fouron J-C, 815 (C) Fox A. 386 Fox HE, 890 Freeman RK, 557 Frenkel Y, 677 Fribourg S, 232 (C) Friedman CI, 44, 599 (CO), Friedman EA, 235 (C), 737 Frigoletto FD Jr, 49 Fritz MA, 573 Fujimoto D, 899

G

Fukuma K, 100

Fukushima T, 685

Gabbe SG, 824 (CO) Gahn G, 287 Gall SA, 157, 268 Gallis HA, 675 Ganapathy ME, 83 (CI) Ganapathy V, 83 (CI) Garcia JE, 172 Garfield RE, 447 Gargiulo P, 534 Garite TJ, 557 Gauthier R, 311 Gerlini G, 534 Giannopoulos G, 904 Gilstrap LC III, 814 (C) Gimovsky ML, 223 (CO), 233 (C), 887 Gindoff PR, 799 Given FT Jr, 135 Glorioso N, 596 (C) Goksin E, 804 Golde SH, 443 Goldenberg RL, 930 (C) Goldsmith CH, 264

Goldwasser B, 677 Golland IM, 676 González C, 797 Goodlin RC, 207 (CO), 570, 593 (C), 924 (C), 928 (C) Gordon H, 565 Gorsline JC, 228 (CO) Graham A, 562 Graham JM Jr, 347 (C) Grandis AS, 257, 651 Grant A, 929 (C) Grant AB, 344 (C) Grasinger C, 928 (C) Graves PE, 877 Greenspoon IS, 817 (C) Greer IA, 710 (C) Gribble RK, 314 Grignon A, 311 Grimes DA, 14, 179 Grimes KR, 179 Gross W, 287 Gruber A, 623 Guillaumond M. 771 Gunja-Smith Z, 92 Gunn D, 592 (C) Guss S, 358 Guy G, 500

H

Hagay ZJ, 115 (C), 708 (C)

Hadi HA, 759

Hage ML, 490

Hadley WK, 740

Hageman JR, 593 (C) Hahn DW, 87 Hahn L, 342 (C) Halperin ME, 264 Halub MF, 571 Hamilton M, 211 (CO) Hankins GDV, 814 (C), 816 (C) Harbert GM Jr, 666 Hardie MJ, 927 (C) Harding PG, 472 Harper RG, 79 Harris BA Jr. 594 (C) Harrison HR, 244 Hasebe H, 328 Hatch KD, 775 Hatcher RA, 280 Hauth JC, 814 (C) Hawley PC, 555 Heard ML, 225 (CO) Heilbrun LK, 745 Held B, 457 Helmkamp BF, 751 Hemsell DL, 225 (CO) Hemsell PG, 225 (CO) Hensleigh PA, 112 (C), 310 Hepler JK, 815 (C) Hershey DW, 224 (CO) Hesser J, 693 Hickok DE, 24 Higgins JE, 280 Higuchi M, 693

Hill LM, 74 Hinkle RS, 313 Hinman DJ, 467 Ho P-C, 638 Ho Yuen B, 924 (C) Hobbins JC, 72, 564 Hofmann GE, 551 Hogue CJR, 14 Holbrook RH, 402 Holden AEC, 848 Hollingsworth D, 381 Holman RT, 714 (C) Holroyde JC, 439 Homesley HD, 124 Hon EH. 685 Honea K, 775 Horenstein J, 443 Horger EO III, 147, 592 (C) Horiuchi K. 899 Howard T, 887 Hricak H. 31 Huddleston JF, 541, 594 Hughes CE, 157 Hughey MJ, 885 Huisjes HJ, 565 Hulbert D, 381

I

Ibara S, 693 Inamoto Y, 803 Ingemarsson I, 859, 865 Insel R, 607 Insler V, 115 (C), 708 (C) Iosif S, 524 Irahara M, 328 Ismail MA, 390, 835 Ito M, 576 Iwasawa H, 106 Iyori S, 508

J

Jackson K, 904
Jacobs ND, 624
Jacobs RP, 893
Jaffe R, 31, 623
Jansen RPS, 363
Jansen V, 500
Jeanty P, 72
Jekel JF, 20
Johnson JWC, 372
Johnson MP, 737
Johnson SB, 714 (C)
Johnston WW, 191
Jones HW Jr, 172
de Jong PA, 926 (C)

K

Kadar N, 72, 234 (C) Kamada M, 328 Kanayama N, 899 Kaplan SS, 703 Kato E, 508 Katz M, 708 (C) Katz Z, 77 Kaufmann L, 164 Kawano T, 100 Kawasaki N. 576 Kawashima Y, 899 Keating T, 660 Keegan KA, 307, 732 Keirse MJNC, 929 (C) Kelly R, 709 (C) Kessler I, 649 Kiely JL, 721 Killam AP, 268 Kim MH, 44, 679 Kitchin JD III, 201 Klebanoff MA, 253 Kletzky OA, 349 Knuppel RA, 130 Kochen J, 79 **Kogut E, 386** Konishi K, 508 Koontz WL, 96, 230 (CO) Koos BJ, 562 Kredentser J, 904 Kühl C. 495 Kuhl H, 287 Kumagai K, 335 Kumar NB, 505 Kutteh WH, 124

Labarrere C, 235 (C) Laboda LA, 49, 595 (C) Lacey C, 31 Lahteenmaki P, 349 Lakoff K, 78 Lambalk NB, 806 Lancet M, 77, 649 Laragh JH, 514, 596 (C) Laufer N, 911 (CD) Lavery JP, 230 (CO) Layman L, 230 (CO) LeBolt SA, 179 Leclercq M, 771 Lederman E, 870 Lederman RP, 870 Lee M, 793 Lehoux J-G, 394 Leibach FH, 83 (CI) Leiberman JR, 115 (C), 708 (C) LeLorier J, 311 Lemay M, 311 Leveno KJ, 838 Levine RU, 890 Lewis M, 244 Liggins GC, 322 (CO) Lilienfeld AM, 294 Lindsay MK, 75 Lippert TH, 232 (C) Lipshitz S, 894 Litton J, 257, 651 Livengood CH, 140, 675 Lodeiro JG, 308 Loebel R, 623 Loesser CV, 624 London WT, 372

Lowe T, 358

Lubbe WF, 322 (CD) Lupo VR, 75 Lutz MH, 155 Lye SJ, 472

N

Ma H-K, 638 McCann DS, 870 McCarty KS Jr, 520 McCarty KS Sr, 520 McCord D, 514 McCoshen IA, 217 (CO) MacDonald D, 929 (C) McDonough PG, 1 (CO) MacGillivray I, 814 (C) McGuire IL, 87 McLaren M, 710 (C) McLucas B, 898 McNeeley SG Ir. 793 Maeyama M, 100, 576 Magenis RE, 743 Maggi E, 534 Mahesh VB, 83 (CI) Mahran M. 755 Maldonato A, 534 Mansour R, 679 Mao W-T, 633 Marquette GP, 883, 888 Marrs RP, 349 Marshall JR, 211 (CO) Martin CB Jr, 582 Martinez ME, 708 (C) März W, 287 Mashini IS 759 Mason R, 358 Mass N, 77 Matsui K, 576 Matsuo I, 100 Matthews MD, 235 (C) Mazor M, 115 (C), 708 (C) Meder JB, 244 Megory E, 811 Mehta A, 783 Meizner I, 802 Menchaca A, 894 Menczer J, 677 Mercer LJ, 835 Messerli ML, 294 Miller HC, 20 Miller MC, 147 Miller R, 78 Mills JL, 253 Milunsky A, 541 Minielly RW, 343 (C) Minkoff LA, 812 Miodovnik M. 439 Mitchell BF, 66 Mitchell MD, 589 Mitzner W, 372 Mixson WT, 119 Miyake Y, 693 Miyazaki FS, 301 Moawad AH, 390, 642, 835 Moise C, 793 Mølsted-Pedersen L, 495

Montenegro R, 130

Moore DE, 727 Moore M, 893 Mori N, 712 (C) Mori T, 328 Morley GW, 505 Morris MA, 257, 651 Morrow CP, 925 (C) Morton MJ, 261 Munoz J, 607 Munson LA, 562 Murata Y, 307, 693

N

Naden RP, 417 Nageotte MP, 557 Nakamura T, 576 Nathanielsz PW, 589 Neglio M, 887 Nelson GH, 759 Nevarez F, 301 Newton E, 38 Niebyl JR, 883, 888 Nijhuis JG, 582 Nobles BJ, 225 (CO) Nochimson DJ, 308 Novy MJ, 573

Nunley WC Jr, 201

0

O'Brien WF, 130 Oeseburg B, 565 Ogburn PL Jr, 713 (C) Ojeda A, 223 (CO) Okamura K, 335 O'Leary JA, 592 C Olofsson P, 479 (CO) Olson SB, 743 Ölund A, 713 (C) Ordas J, 708 (C) Orr JW Jr, 775 Osborne NG, 228 (CO) O'Shaughnessy RW, 239, 599 (CO) O'Toole RV, 239 Oyama J, 811 Ozaki R, 223 (CO)

p

Pachi A. 534 Paneth N, 721 Parer JT, 402 Parer WI, 402 Pariser SF, 599 (CO) Park SN, 342 (C) Parker RT, 140, 164 Parmley T, 294 Parras MK, 799 Pastorek JG II, 347 (C) Patrick JE, 426 Paul RH, 454, 567, 624, 717 (CO), 780, 854 de Pedro C, 708 (C) Perkins R, 591 (C) Pesavento DJ, 767 Peters WA III, 505 Petersen K, 495

Phelan JP, 567, 780
Philips JB III, 594 (C)
Phillips M, 317 (CI)
Pichichero M, 607
Pimpinella G, 534
Pinkerton JA, 197
Platt LD, 443, 454, 624, 817
(C)
Pliagas GA, 472

(C) Pliagas GA, 472 Pollack DN, 342 (C) Ponto KL, 642 Poon IML, 708 (C) Possmayer F, 472 Potkul RK, 642 Powell J, 44 Prechl HFR, 582 Pregenzer GJ, 799 Pritchard JA, 838

Q

Quilligan EJ, 732 Quismorio FP, 817 (C)

Rabinovici J, 677

R

Ramondt J, 447 Ratnam SS, 859, 865 Rawnsley EF, 347 Razel AJ, 410 Read JA, 568 Reid KH, 96 Reid R, 611 Reiss RE, 564 Rey E, 311 Reves FI, 486 Richardson BS, 426 Rivera ME, 457 Roberts NS, 564 Robbie M. 740 Robie G. 571 Rochelson B, 789 Rodi IA, 211 (CO) Romberg G, 287 Romero R. 72 Rose PG, 844 Rosenfeld CR, 417 Rosenshein NB, 294 Rosenthal JS, 812 Rosing U, 713 (C) Ross PD, 745 Rouse SB, 343 (C) Rubinstein E, 345 (C)

Rydhström H, 479 (CO) S

Saad S, 317 (CI) Sabbagha RE, 57 Sachs BP, 737 Saffran JE, 893 Sakaguchi H, 508 Saldana LR, 789 Salinas M, 708 (C) Salyer SL, 528 Samaan NA, 457 Sanfilippo JS, 551 Sanko SR, 751

Sann L, 771 Saracoglu FO, 804 Sbarra AI, 38 Scalzi P, 611 Schechter J, 349 Schlaerth JB, 925 (C) Schmidt GE, 44, 679 Schriock E. 31 Schroth PS, 224 (CO) Schulman H, 789 Schultz PN, 457 Schulz KF, 14 Schwartz PE, 660 Scott RA, 675 Sealey IE, 514, 596 (C) Searle J, 317 (CI) Searle N, 317 (CI) Seifer D, 310 Seitchik J, 848 Sekiya S, 106 Sells CJ, 24 Selvaraj RJ, 38 Senger G, 462, 467 Senler TI, 551 Senner JW, 573 Serr DM, 677 Shah D, 130 Shalev E, 712 (C) Shank ML, 599 (CO) Sheets EE. 60 Sheridan-Pereira M, 929 (C) Sherline DM, 317 (CI) Shimizu Y, 335 Shingleton HM, 775 Sia CG, 79 Sibai BM, 924 (C), 928 (C) Siddiqi TA, 439 Silva PD, 307 Sim DA, 244 Simmons GM Jr, 347 (C) Simon JA, 211 (CO) Sites C, 679 Skillman C. 439 Skinner K. 66 Skouby SO, 495 Smith CV, 454, 567, 780 Smith LH, 815 (C) Smith-Wallace T, 854 Smythe AR, 186 Snyder J, 500 Socol ML, 57, 767 Soderstrom R, 727 Soong SJ, 775 Soper DE, 227 (CO) Soper JT, 191, 520, 828 (CO) Souda Y, 100 Spellacy WN, 60, 605 Spelsberg TC, 410 Stanczyk FZ, 573 Stein JJ, 896 Stern SL, 599 (CO) Stewart AF, 660 Stoskopf CG, 307

Stouffer RL, 877

Stovall WS, 568

Strauss A, 812

Streib EW, 593 (C) Strohm PL, 844 Sullivan DC, 191 Sun SF, 593 (C) Survit EA, 877 Susser M, 721 Sutton GP, 140 Suzuki M, 335 Svensson J, 410 Sweet RL, 740 Szeto HH, 462, 467 Szulman AE, 703

T

Takamizawa H, 106 Tamura RK, 57, 767 Tanaka T. 100 Tarlatzis BC, 911 (CD) Taubert H-D, 287 Taufield PA, 514 Terao T, 803, 899 Terracina D, 633 Teteris NJ, 551 Thiagarajah S, 197, 666 Thiery M, 891 Thomas GB, 38 Thorneycroft IH, 211 (CO) Thurnau GR, 928 (C) Toth A, 596 (C) Trofatter K, 157, 268 Troili F, 534 Trombetta GC, 800 Troncy J, 771

Trujillo ME, 624 Trupin S, 591 (C) Tsibris JCM, 60 Tulchinsky D, 904 Tuttle SE, 239 Tyner JG, 693 Tyson JE, 372

U

Ulmsten U, 619 Umans JG, 467 Ushijima H, 576

V

Vaisrub N, 57 Valenzuela GJ, 562 Van Dorsten JP, 147 Vassilopoulou-Sellin R, 457 Vaughn WK, 528 Veersema D, 926 (C) Veille JC, 261 Vergadoro F, 191 Verhoeff A, 447 Verloove-Vanhorick SP, 929 (C) Vermesh M, 894 Vermeulen RCW, 806 Vertes D, 709 (C) Verwey RA, 929 (C) Vickovic MM, 482 Victory DF, 730 Villegas A, 797 Vilos GA, 472 Vintzileos AM, 308

Virgin SD, 60 Visser GHA, 52 van Vliet MAT, 582 Vo TDH, 462 Vogel JM, 745 Vontver LA, 24

W

Wade RV, 186 Waffarn F, 732 Walker JJ, 710 (C) Wall SR, 482 Walla CA, 624 Wallenburg HCS, 447 Warrick C, 66 Wasilauskas B, 648 Wasnich RD, 745 Watt GW, 186 Weil C, 633 Weinbaum PJ, 308 Weiss NS, 727 Welander CE, 124 Wendel JS, 439 van Wijck JAM, 926 (C) Wilkens LR, 280 Willard K, 887 Williams PP, 713 (C) Wilson ER, 594 (C) Wilson K, 775 Wingo PA, 179 Winston A, 812 Winter JSD, 486 Wiringa KS, 767 Wittliff JL, 551

Woessner JF Jr, 92 Wolfson RN, 81 Wong L-C, 638 Wong SW, 730 Woo JSK, 708 (C) Wood JR, 740 Woodruff JD, 294 Work B Jr, 870 Wright VC, 344 (C)

V

Yamada K, 335 Yamaguchi M, 712 Yamamoto T, 693 Yamano S, 328 Yang S-L, 390 Yatscoff RW, 783 Yeh S-Y, 454 Yemini M, 77 Yoshimura T, 576

Z

Zacharias S, 349
Zahradnik HP, 232 (C)
Zalev AH, 264
Zárate A, 797
Zbella EA, 894
Zerne S, 223 (CO), 887
Zettner A, 381
Zicari D, 534
Zijlstra WG, 565
Zinberg S, 500
Zuckerman H, 712 (C)
Zuspan FP, 239, 844

Subject index*

A

Abdomen

Abdominal pregnancy following gonadotropin treatment (Saracoglu, Goksin, and Durukan), 804

Abdominal sacral copopexy with Mersilene mesh in retroperitoneal position in management of posthysterectomy vaginal vault prolapse and enterocele (Addison et al.), 140

Acute abdominal condition caused by retrograde bleeding in postmenopausal patient on estrogen-progestogen therapy (Rabinovici et al.), 677

Fatal maternal outcome after delayed delivery in midtrimester abdominal pregnancy (Golland), 676

Preoperative cefoxitin prophylaxis for elective abdominal hysterectomy (Hemsell et al.), 225

Abortion

Elevated maternal glycohemoglobin in early pregnancy and spontaneous abortion among insulin-dependent diabetic women (Miodovnik et al.), 439

Menstrual extraction (Matthews), 235 (Letter); Reply (Borten), 235

Relief of pain in first-trimester abortion (Trupin), 591

Repeated first-trimester pregnancy loss: evaluation and management (McDonough), 1 (Clinical Opinion)

Risk of serious complications from induced abortion: do personal characteristics make a difference (Buehler et al.), 14

Absces

Sonographic diagnosis of periappendicular abscess in pregnancy (Jaffe et al.), 623

Acoustic stimulation test

Fetal acoustic stimulation testing: retrospective experience with fetal acoustic stimulation test (Smith et al.), 567

Adenylate cyclase

Adenylate cyclase in human ovarian cancers: sensitivity to gonadotropins and nonhormonal activators (Graves et al.), 877

Adrenocorticotropin

Propranolol inhibits maturational effect of adrenocorticotropin in fetal sheep lung (Vilos et al.), 472

Afibrinogenemia

First report of case of congenital afibrinogenemia with successful delivery (Inamoto and Terao), 803

Age

Age-dependent, ovary-independent decrease in nuclear binding kinetics of estrogen receptors in brain of C57BL/6J mouse (Belisle, Bellabarba, and Lehoux), 394

Albumin

Maternal and cord blood glycated albumin and total serum proteins: correlation with maternal glycemic control and birth weight (Yatscoff, Mehta, and Dean), 783

4-Aminoantipyrine

Inhibition of arachidonic acid metabolism by antipyrine and 4-aminoantipyrine (Cohen et al.), 589

Amiodarone

Transplacental treatment of tachycardia-induced fetal heart failure with verapamil and amiodarone: case report (Rey et al.), 311

Amnie

Prolactin bioactivity following decidual synthesis and transport by amniochorion (McCoshen and Barc), 217

Relation between cyclic adenosine monophosphate and prostaglandin output by dispersed cells from human amnion and decidua (Warrick et al.), 66

Amnioinfusion

Prophylactic intrapartum amnioinfusion in patients with preterm premature rupture of membranes (Nageotte et al.), 557

Saline amnioinfusion for relief of repetitive variable decelerations: prospective randomized study (Miyazaki and Nevarez). 301

Amniotic fluid

Amniotic fluid insulin, C peptide concentrations, and fetal morbidity in infants of diabetic mothers (Fallucca et al.), 534

Amniotic fluid prolactin and fetal lung maturation (Johnson et al.), 372

Capnocytophaga in amniotic fluid of women in preterm labor with intact membranes (Ernest and Wasilauskas), 648

Decreased levels of amniotic fluid α-fetoprotein associated with Down syndrome (Davis et al.), 541

Nonpredictive value of measurements of delta optical density at 450 nm in SS disease (Lindsay and Lupo), 75

Reliability of amniotic fluid volume estimation from ultrasonograms: intraobserver and interobserver variation before and after establishment of criteria (Halperin et al.), 264

Amniotic membrane

Collagen types in normal and prematurely ruptured amniotic membranes (Kanayama et al.), 899

Amniotomy

Amniotomy and use of oxytocin in labor in nulliparous women (Seitchik, Holden, and Castillo), 848

Amyloidosis

Gynecologic amyloidosis (Copeland, Hawley, and Teteris), 555

Anatomy

Anatomic basis for ultrasound images of human placenta (Vermeulen et al.), 806

Androger

Androgen receptors in normal human foreskin. I. Stabilization and identification of two receptor subunits (Razel et al.), 410

^{*}September 1, 1-118; September 15, 119-238; October 1, 239-348; October 15, 349-478; November 1, 479-598; November 15, 599-716; December 1, 717-818; December 15, 819-956.

Serum testosterone concentrations in evaluation of androgen-producing tumors (Friedman et al.), 44

Anemia

α-Thalassemia hydrops fetalis: clinical and ultrasonographic considerations (Guy et al.), 500

Anesthesia

Effect of parenteral magnesium sulfate on penicillin-induced seizure foci in anesthetized cats (Koontz and Reid), 96

Angiotensin II

Effect of calcium supplementation on vascular sensitivity to angiotensin II in pregnant women (Kawasaki et al.), 576

Angiotensin II

Systemic and uterine responsiveness to angiotensin II and norepinephrine in estrogen-treated nonpregnant sheep (Naden and Rosenfeld), 417

Antenatal period

Antenatal sonographic diagnosis of conjoined twins in triplet pregnancy (Koontz et al.), 230

Antibiotics

Antibiotic irrigation prophylaxis in high-risk cesarean section patient (Bourgeois et al.), 197

Antibodies

Autologous antibodies eluted from membrane fragments isolated from effusions of human ovarian epithelial neoplasms (Kutteh et al.), 124

Blocking of human fertilization in vitro by sera with spermimmobilizing antibodies (Kamada et al.), 328

Presence of maternal anti-SS-A antibody (Greenspoon et al.), 817

Antipyrine

Inhibition of arachidonic acid metabolism by antipyrine and 4-aminoantipyrine (Cohen et al.), 589

Appendix

Sonographic diagnosis of periappendicular abscess in pregnancy (Jaffe et al.), 623

Arachidonic acid

Inhibition of arachidonic acid metabolism by antipyrine and 4-aminoantipyrine (Cohen et al.), 589

Serum arachidonic acid levels (Rosing and Ölund), 713 (Letter); Reply (Ogburn et al.), 714

Acces

Effect of different human chorionic gonadotropin assay sensitivity on screening for ectopic pregnancy (Romero et al.), 72

Autocorrelation

Limitations of autocorrelation in fetal heart rate monitoring (Fukushima et al.), 685

Autonomic nervous system

Management of autonomic hyperreflexia associated with low thoracic spinal cord lesion (Gimovsky et al.), 223

B

Behavior

Relationship between fetal activity and behavioral states and fetal breathing movements in normal and growth-retarded fetuses (van Vliet et al.), 582

Bioactivity

Prolactin bioactivity following decidual synthesis and transport by amniochorion (McCoshen and Barc), 217

Biochemistry

Histologic control of biochemical steroid receptor analysis in endometrial carcinoma (Soper et al.), 520

Biology

Biologic and morphologic development of donated human ova recovered by nonsurgical uterine lavage (Buster et al.), 211

Biophysical profile, fetal

Computer-assisted assessment of fetal biophysical profile (Devoe et al.), 317 (Current Investigation)

Prospective trial of fetal biophysical profile versus nonstress test in management of high-risk pregnancies (Platt et al.), 624

Birth weight

Mother's birth weight as predictor of macrosomia (Klebanoff et al.), 253

Neonatal mortality in very low birth weight and very preterm infants (Verloove-Vanhorick, Verwey, and Keirse), 929 (Letter); Reply (Goldenberg), 930

Bladder

Bladder leiomyoma: rare cause of pelvic pain (McLucas and Stein), 896

Vesical endometriosis following bladder injury (Vermesh et al.), 894

Bleeding

Acute abdominal condition caused by retrograde bleeding in postmenopausal patient on estrogen-progestogen therapy (Rabinovici et al.), 677

Blood

Accuracy of visual and meter determinations of blood glucose with use of Chemstrip bG (Marquette et al.), 883

Correlations of glycosylated serum protein and glycosylated hemoglobin concentrations with blood glucose in diabetic pregnancy (Morris, Grandis, and Litton), 257

Effect of hydatidiform molar vesicular fluid on blood coagulation (Kapian, Szulman, and Surti), 703

Elevated maternal glycohemoglobin in early pregnancy and spontaneous abortion among insulin-dependent diabetic women (Miodovnik et al.), 439

Fetal blood sampling during pregnancy with use of needle guided by ultrasound: study of 606 consecutive cases (Daffos, Capella-Pavlovsky, and Forestier), 655

First report of case of congenital afibrinogenemia with successful delivery (Inamoto and Terao), 803

Glycosylated hemoglobin concentration in early gestation associated with neonatal outcome (Morris, Grandis, and Litton), 651

Intrapartum fetal surveillance: role of fetal scalp blood sampling (Clark and Paul), 717 (Clinical Opinion)

Intrauterine fetal response to hypergravity by reduction of plasma prolactin levels in rat (Megory and Oyama), 811

Leukocyte count in labor and delivery (Acker et al.),

Plasma prorenin in first-trimester pregnancy: relationship to changes in human chorionic gonadotropin (Sealey et al.), 514

Receiver operating characteristic analysis of glycosylated hemoglobin and standard test for carbohydrate intolerance in pregnancy (Dierksheide), 113 (Letter)

Serum arachidonic acid levels (Rosing and Ölund), 713 (Letter); Reply (Ogburn et al.), 714

Serum testosterone concentrations in evaluation of androgen-producing tumors (Friedman et al.), 44

Serum vitamin K₁ concentration and vitamin K-dependent clotting factor activity in maternal and fetal cord blood (Sann et al.). 771

Stimulation of plasma prorenin by gonadotropic hormones (Sealey et al.), 596 (Letter) Variations in red blood cell proton T₁ relaxation times that correspond to menstrual cycle changes (Rosenthal, Strauss, and Minkoff), 812

Blood flow

Relationship of uteroplacental blood flow to placental clearance of maternal plasma C-19 steroids: evaluation of mathematical models (Senner et al.), 573

Blood veccels

Action of magnesium sulfate on platelet prostacyclin interaction and prostacyclin of blood vessels (Briel and Lippert), 232 (Letter)

Bones

Prediction of postmenopausal fracture risk with use of bone mineral measurements (Wasnich et al.), 745

Books received, 117, 237, 715, 931

Bradycardia

Single injection of terbutaline in term labor. I. Effect on fetal pH in cases with prolonged bradycardia (Ingemarsson, Arulkumaran, and Ratnam), 859

Brain

Age-dependent, ovary-independent decrease in nuclear binding kinetics of estrogen receptors in brain of C57BL/6J mouse (Belisle, Bellabarba, and Lehoux), 394

Cerebral oxidative metabolism in fetal lamb: relationship to electrocortical state (Richardson, Patrick, and Abduljabbar), 426

Development of electrocortical activity in fetal and neonatal guinea pig (Umans et al.), 467

Effects of hypertension in pregnancy on neurological maturation in neonates (Diven, Vertes, and Kelly), 709 (Letter)

Evoked fetal startle response: possible intrauterine neurological examination (Divon et al.), 454

Ontogeny of fetal lamb electrocortical activity: power spectral analysis (Szeto et al.), 462

Breathing movements, fetal

Effects of hypoxemic events on breathing, body movements, and heart rate variation: study in growth-retarded human fetuses (Bekedam and Visser), 52

Fetal heart rate variability and breathing movements (Fouron), 815 (Letter); Reply (Divon), 815

Relationship between fetal activity and behavioral states and fetal breathing movements in normal and growth-retarded fetuses (van Vliet et al.), 582

Bromocriptine

Hormonal and morphologic effects of bromocriptine on normal rat pituitary and GH₃ tumor cells (Lahteenmaki et al.), 349

C

Calcium

Effect of calcium supplementation on vascular sensitivity to angiotensin II in pregnant women (Kawasaki et al.), 576

Capnocytophaga

Capnocytophaga in amniotic fluid of women in preterm labor with intact membranes (Ernest and Wasilauskas), 648

Carbohydrates

Receiver operating characteristic analysis of glycosylated hemoglobin and standard test for carbohydrate intolerance in pregnancy (Dierksheide), 113 (Letter)

Screening for carbohydrate intolerance in pregnancy: comparison of two tests and reassessment of common approach (Cousins et al.), 381

Cardiovascular indices

Cerebral oxidative metabolism in fetal lamb: relationship to electrocortical state (Richardson, Patrick, and Abduljabbar), 426 Effect of calcium supplementation on vascular sensitivity to angiotensin II in pregnant women (Kawasaki et al.), 576 Maternal cardiovascular adaptations to twin pregnancy (Veille, Morton, and Burry), 261

Systemic and uterine responsiveness to angiotensin II and norepinephrine in estrogen-treated nonpregnant sheep (Naden and Rosenfeld), 417

Catheterization

Supraclavicular central venous catheterization (Helmkamp and Sanko), 751

Cefoxitin

Clostridium difficile—associated diarrhea follows perioperative prophylaxis with cefoxitin (Block et al.), 835

Preoperative cefoxitin prophylaxis for elective abdominal hysterectomy (Hemsell et al.), 225

Cells

Hormonal and morphologic effects of bromocriptine on normal rat pituitary and GH₃ tumor cells (Lahteenmaki et al.), 349

Cervical carcinoma

Corpus and cervix cancer: nutritional comparison (Orr et al.), 775

Genital warts and cervical cancer. VII. Improved colposcopic index for differentiating benign papillomaviral infections from high-grade cervical intraepithelial neoplasia (Reid and Scalzi), 611

Management of Stage IA carcinoma of cervix (Creasman et al.), 164

Cervical intraepithelial neoplasia

Genital warts and cervical cancer. VII. Improved colposcopic index for differentiating benign papillomaviral infections from high-grade cervical intraepithelial neoplasia (Reid and Scalzi), 611

Cervical intraepithelial neoplasia

Laser combination procedure for cervical intraepithelial neoplasia (Wright), 344 (Letter); Reply (Baggish and Dorsey), 345

Cervix

Carbon dioxide laser for combination excisional-vaporization conization (Rouse and Minielly), 343 (Letter); Grant, 344 (Letter); Reply (Dorsey), 344

Cervical Chlamydia trachomatis infections in university women: relationship to history, contraception, ectopy, and cervicitis (Harrison et al.), 244

Cervical vascular malformation as cause of antepartum and intrapartum bleeding in three diethylstilbestrol-exposed progeny (Follen, Fox, and Levine), 890

In vitro binding of insulin and epidermal growth factor to human endometrium and endocervix (Sheets et al.), 60

Preinduction cervical ripening with prostaglandin E₂ (Prepidil) gel (Trofatter et al.), 268

Cesarean section

Antibiotic irrigation prophylaxis in high-risk cesarean section patient (Bourgeois et al.), 197

Cesarean section: answer to House of Horne (Leveno, Cunningham, and Pritchard), 838

Failure of cesarean section to prevent intracranial hemorrhage in siblings with isoimmune neonatal thrombocytopenia (Sia et al.), 79

Pseudomembranous enterocolitis after cesarean delivery (Duff), 926 (Letter); Reply (Arsura), 926

Serous cystadenocarcinoma as incidental finding during repeat cesarean section (Ahram, Lakoff, and Miller), 78

Chemotherapy

Magnesium homeostasis following chemotherapy with cisplatin: prospective study (Stewart, Keating, and Schwartz), 660

Chemstrip bG

Accuracy of visual and meter determinations of blood glucose with use of Chemstrip bG (Marquette et al.), 883

Chlamydial infections

Cervical Chlamydia trachomatis infections in university women: relationship to history, contraception, ectopy, and cervicitis (Harrison et al.), 244

Choriocarcinoma

Report of successful delivery after nonsurgical management of choriocarcinoma-related pelvic arteriovenous fistula (Chapman and Lutz), 155

Chorion

Chorionic villus sampling: first-trimester prenatal diagnosis of partial 10q trisomy in family with 4/10 translocation (Olson et al.), 743

Chromic phosphate P 32

Intraperitoneal chromic phosphate P 32 suspension therapy of malignant peritoneal cytology in endometrial carcinoma (Soper et al.), 191

Chromosome abnormalities

Chorionic villus sampling: first-trimester prenatal diagnosis of partial 10q trisomy in family with 4/10 translocation (Olson et al.), 743

Cisplatin

Comparison of intraperitoneal and intravenous routes of cisplatin administration in advanced ovarian cancer model of rat (Sekiya, Iwasawa, and Takamizawa), 106

Magnesium homeostasis following chemotherapy with cisplatin: prospective study (Stewart, Keating, and Schwartz), 660

Circulation

Postpartum disappearance of chorionic gonadotropin from maternal and neonatal circulations (Reyes, Winter, and Faiman), 486

Clavicle

Supraclavicular central venous catheterization (Helmkamp and Sanko), 751

Clinical Opinion, 1-6, 207-10, 479-81, 599-604, 717-20, 824-7, 828-34

Cloacal exstrophy

Prenatal ultrasonic diagnosis of cloacal exstrophy (Meizner and Bar-Ziv), 802

Clomiphene citrate

Embryo toxicity of clomiphene citrate on mouse embryos fertilized in vitro and in vivo (Schmidt et al.), 679

Clostridium difficile

Clostridium difficile—associated diarrhea follows perioperative prophylaxis with cefoxitin (Block et al.), 835

Coagulation

Effect of hydatidiform molar vesicular fluid on blood coagulation (Kaplan, Szulman, and Surti), 703

Collagen

Collagen types in normal and prematurely ruptured amniotic membranes (Kanayama et al.), 899

Content of collagen and elastin cross-links pyridinoline and desmosines in human uterus in various reproductive states (Gunja-Smith and Woessner), 92

Colpopexy

Abdominal sacral colpopexy with Mersilene mesh in retroperitoneal position in management of posthysterectomy vaginal vault prolapse and enterocele (Addison et al.), 140

Colposcopy

Genital warts and cervical cancer. VII. Improved colposcopic index for differentiating benign papillomaviral infections from high-grade cervical intraepithelial neoplasia (Reid and Scalzi), 611

Computer

Computer-assisted assessment of fetal biophysical profile (Devoe et al.), 317 (Current Investigation)

Development of electrocortical activity in fetal and neonatal guinea pig (Umans et al.), 467

Ontogeny of fetal lamb electrocortical activity: power spectral analysis (Szeto et al.), 462

Condyloma acuminatum

Interferon for therapy of condyloma acuminatum (Gall, Hughes, and Trofatter), 157

Consultants

Consultants for the American Journal of Obstetrics and Gynecology, 819

Contraception

Cervical Chlamydia trachomatis infections in university women: relationship to history, contraception, ectopy, and cervicitis (Harrison et al.), 244

Hospitalizations among black women using contraceptives (Higgins et al.), 280

Contraceptives, intrauterine devices

Management of missing intrauterine contraceptive device: report of case (Gorsline and Osborne), 228

Contraceptives, oral

Randomized crossover comparison of two low-dose contraceptives: effects on serum lipids and lipoproteins (März et al.), 287

Risk of postmolar invasive complications with oral contraceptive use (Yuen and Callegari), 924 (Letter); Reply (Morrow and Schlaerth), 925

Thrombosis due to permanent pacemaker and oral contraceptives (Halub, Robie, and Deere), 571

Triphasic oral contraception: metabolic effects in normal women and those with previous gestational diabetes (Skouby et al.), 495

Contraceptives, spermicidal

Spermicidal contraceptives and poor reproductive outcomes (Fribourg), 233 (Letter)

Convulsion

Obstetric characteristics and fetal heart rate patterns of infants who convulse during newborn period (Keegan, Waffarm, and Quilligan), 732

C peptide

Amniotic fluid insulin, C peptide concentrations, and fetal morbidity in infants of diabetic mothers (Fallucca et al.), 534

C-reactive protein

Association of subclinical infection with preterm labor: role of C-reactive protein (Potkul, Moawad, and Ponto), 642

Culdoplasty

"Posterior culdeplasty": revisited (Given), 135

Current Development, 911-23

Current Investigation, 83-6, 317-21, 322-7

Cyclic adenosine monophosphate

Relation between cyclic adenosine monophosphate and prostaglandin output by dispersed cells from human amnion and decidua (Warrick et al.), 66

Cytochrome P-450

Cytochrome P-450 activity in human leiomyoma and normal myometrium (Senler et al.), 551

Cytology

Intraperitoneal chromic phosphate P 32 suspension therapy of malignant peritoneal cytology in endometrial carcinoma (Soper et al.), 191 D

Decidua

Prolactin bioactivity following decidual synthesis and transport by amniochorion (McCoshen and Barc), 217

Relation between cyclic adenosine monophosphate and prostaglandin output by dispersed cells from human amnion and decidua (Warrick et al.), 66

Decongestant, nasal

Fetal heart rate changes following maternal administration of nasal decongestant (Baxi et al.), 799

Desmosines

Content of collagen and elastin cross-links pyridinoline and desmosines in human uterus in various reproductive states (Gunja-Smith and Woessner), 92

Diahetes

Amniotic fluid insulin, C peptide concentrations, and fetal morbidity in infants of diabetic mothers (Fallucca et al.), 534

Antepartum fetal monitoring in insulin-dependent diabetic pregnancies (Diamond et al.), 528

Correlations of glycosylated serum protein and glycosylated hemoglobin concentrations with blood glucose in diabetic pregnancy (Morris, Grandis, and Litton), 257

Elevated maternal glycohemoglobin in early pregnancy and spontaneous abortion among insulin-dependent diabetic women (Miodovnik et al.), 439

Idiopathic hypoparathyroidism with gestational diabetes (Blickstein, Kessler, and Lancet), 649

Indications for and timing of delivery in diabetic pregnancies (Mashini et al.), 759

Management of diabetes mellitus in pregnancy (Gabbe), 824 (Clinical Opinion)

Nonsuppressible insulin-like activity and somatomedin C levels in normal pregnant women, in pregnant women with gestational diabetes, and in umbilical cord blood of mature and premature infants (Samaan et al.), 457

Real-time ultrasound estimations of weight in fetuses of diabetic gravid women (Tamura et al.), 57

Triphasic oral contraception: metabolic effects in normal women and those with previous gestational diabetes (Skouby et al.), 495

Diarrhea

Clostridium difficile-associated diarrhea follows perioperative prophylaxis with cefoxitin (Block et al.), 835

Diethylstilbestrol

Cervical vascular malformation as cause of antepartum and intrapartum bleeding in three diethylstilbestrol-exposed progeny (Follen, Fox, and Levine), 890

Digital examination

Is there need for digital examination in patients with spontaneous rupture of membranes (Munson et al.), 562

Digital radiography

X-ray pelvimetry in breech protocol: comparison of digital radiography and conventional methods (Gimovsky et al.), 887

Douching

Vaginal douching as potential risk factor for tubal ectopic pregnancy (Chow et al.), 727

Down's syndrome

Decreased levels of amniotic fluid α-fetoprotein associated with Down syndrome (Davis et al.), 541

Sonographic diagnosis of Down syndrome in second trimester (Benacerraf, Frigoletto, and Laboda), 49

Sonographic sign for detection of Down's syndrome (Castillo), 595 (Letter); Reply (Benacerraf, Barss, and Laboda), 595

Dystocia

Cephalic replacement for shoulder dystocia (O'Leary and Gunn), 592 (Letter); Reply (Horger), 592

E

Ectopic pregnancy

Effect of different human chorionic gonadotropin assay sensitivity on screening for ectopic pregnancy (Romero et al.), 72

Vaginal douching as potential risk factor for tubal ectopic pregnancy (Chow et al.), 727

Effusions

Autologous antibodics eluted from membrane fragments isolated from effusions of human ovarian epithelial neoplasms (Kutteh et al.), 124

Elastin

Content of collagen and elastin cross-links pyridinoline and desmosines in human uterus in various reproductive states (Gunja-Smith and Woessner), 92

Electrical activity

Electrical and mechanical uterine activity and gap junctions in peripartal sheep (Verhoeff et al.), 447

Embryo

Embryo toxicity of clomiphene citrate on mouse embryos fertilized in vitro and in vivo (Schmidt et al.), 679

Encephalocele

Prenatal diagnosis of occipital encephalocele (Chatterjee, Bondoc, and Adhate), 646

Endometrial carcinoma

Histologic control of biochemical steroid receptor analysis in endometrial carcinoma (Soper et al.), 520

Intraperitoneal chromic phosphate P 32 suspension therapy of malignant peritoneal cytology in endometrial carcinoma (Soper et al.), 191

Endometriosis

Vesical endometriosis following bladder injury (Vermesh et al.), 894

Endometrium

Activities of glycogen synthetase and glycogen phosphorylase in human endometrium: relative distribution in isolated glands and stroma (Souda et al.), 100

In vitro binding of insulin and epidermal growth factor to human endometrium and endocervix (Sheets et al.), 60

Enterocele

Abdominal sacral colpopexy with Mersilene mesh in retroperitoneal position in management of posthysterectomy vaginal vault prolapse and enterocele (Addison et al.). 140

Epidemiology

Fetal death during labor: epidemiologic indicator of level of obstetric care (Kiely, Paneth, and Susser), 721

Epidermal growth factor

In vitro binding of insulin and epidermal growth factor to human endometrium and endocervix (Sheets et al.), 60

Epinephrine

Anxiety and epinephrine in multiparous women in labor: relationship to duration of labor and fetal heart rate pattern (Lederman et al.), 870

Epithelium

In vitro adherence of *Lactobacillus* species to vaginal epithelial cells (Wood et al.), 740

Errata, 774, 813

Erythrocytes

Erythrocyte morphology in women with severe preeclampsia and eclampsia (Cunningham et al.), 358

Estriol

Serum unconjugated estriol level as predictor of pulmonary maturity (Stovall, Dashow, and Read), 568

Estrogen

Acute abdominal condition caused by retrograde bleeding in postmenopausal patient on estrogen-progestogen therapy (Rabinovici et al.), 677

Age-dependent, ovary-independent decrease in nuclear binding kinetics of estrogen receptors in brain of C57BL/ 6] mouse (Belisle, Bellabarba, and Lehoux), 394

Systemic and uterine responsiveness to angiotensin II and norepinephrine in estrogen-treated nonpregnant sheep (Naden and Rosenfeld), 417

Examination, pelvic

Initial instruction in pelvic examination (Coopland), 597 (Letter); Reply (Beckmann), 597

Exercise

Effect of acute exercise on pulsatile release of luteinizing hormone in women runners (Cumming et al.), 482

F

Fertilization, in vitro

Blocking of human fertilization in vitro by sera with spermimmobilizing antibodies (Kamada et al.), 328

Embryo toxicity of clomiphene citrate on mouse embryos fertilized in vitro and in vivo (Schmidt et al.), 679

Follicular development: lessons learned from human in vitro fertilization (DeCherney, Tarlatzis, and Laufer), 911 (Current Development)

Reconstructive pelvic operations for in vitro fertilization (Garcia et al.), 172

α-Fetoprotein

Decreased levels of amniotic fluid α-fetoprotein associated with Down syndrome (Davis et al.), 541

Maternal serum α-fetoprotein screening of fetal trisomies (Hershey, Crandall, and Schroth), 224

Fetu

Amniotic fluid insulin, C peptide concentrations, and fetal morbidity in infants of diabetic mothers (Fallucca et al.), 534

Amniotic fluid prolactin and fetal lung maturation (Johnson et al.), 372

Cerebral oxidative metabolism in fetal lamb: relationship to electrocortical state (Richardson, Patrick, and Abduljabbar). 426

Computer-assisted assessment of fetal biophysical profile (Devoe et al.), 317 (Current Investigation)

Development of electrocortical activity in fetal and neonatal guinea pig (Umans et al.), 467

Effects of hypoxemic events on breathing, body movements, and heart rate variation: study in growth-retarded human fetuses (Bekedam and Visser), 52

Electronic fetal monitor paced by maternal implanted pacemaker (Goodlin and Cheatham), 570

Evoked fetal startle response: possible intrauterine neurological examination (Divon et al.), 454

Fetal acoustic stimulation testing: retrospective experience

with fetal acoustic stimulation testing: retrospective experience with fetal acoustic stimulation test (Smith et al.), 567

Fetal blood sampling during pregnancy with use of needle guided by ultrasound: study of 606 consecutive cases (Daffos, Capella-Pavlovsky, and Forestier), 655

Fetal distress secondary to vancomycin-induced maternal hypotension (Hill), 74 Fetal heart rate changes following maternal administration of nasal decongestant (Baxi et al.), 799

Fetal and neonatal effects of indomethacin used as tocolytic agent (Veersema, de Jong, and van Wijck), 926 (Letter); Reply (Dudley and Hardie), 927

Fetal and neonatal effects of indomethacin used as tocolytic agent (Zuckerman and Shalev), 712 (Letter); Reply (Dudley), 713

Fetal position during pregnancy (Hughey), 885

Fetal subuctaneous scalp Po₂ and abnormal heart rate during labor (Aarnoudse et al.), 565

Fetal-neonatal passive immunization against Hemophilus influenzae, type b (Amstey et al.), 607

Fetomaternal hemorrhage following trauma (Rose, Strohm, and Zuspan), 844

Influence of fetal sex on rupture of membranes and preterm labor (MacGillivray and Davey), 814 (Letter)

Intrapartum fetal surveillance: role of fetal scalp blood sampling (Clark and Paul), 717 (Clinical Opinion)

Intrauterine atrial fibrillation associated with fetomaternal hemorrhage (Bacevice, Dierker, and Wolfson), 81

Intrauterine fetal response to hypergravity and by reduction of plasma prolactin levels in rat (Megory and Oyama), 811

Maternal serum α-fetoprotein screening of fetal trisomies (Hershey, Crandall, and Schroth), 224

Placenta previa percreta with fetal survival (Gribble and FitzSimmons), 314

Propranolol inhibits maturational effect of adrenocorticotropin in fetal sheep lung (Vilos et al.), 472

Prospective trial of fetal biophysical profile versus nonstress test in management of high-risk pregnancies (Platt et al.), 624

Real-time ultrasound estimations of weight in fetuses of diabetic gravid women (Tamura et al.), 57

Relationship between fetal activity and behavioral states and fetal breathing movements in normal and growth-retarded fetuses (van Vliet et al.), 582

Serum vitamin K₁ concentration and vitamin K-dependent clotting factor activity in maternal and fetal cord blood (Sann et al.), 771

Single injection of terbutaline in term labor. I. Effect on fetal pH in cases with prolonged bradycardia (Ingemarsson, Arulkumaran, and Ratnam), 859

Use of fetal scalp hematocrit in diagnosis of severe hemorrhage from vasa previa (Silva et al.), 307

Fever

Delayed hemolytic transfusion reaction: cause of late postoperative fever (Soper), 227

Fistul

Report of successful delivery after nonsurgical management of choriocarcinoma-related pelvic arteriovenous fistula (Chapman and Lutz), 155

Forceps

Examination of data base in midforceps delivery study (Hauth, Gilstrap, and Hankins), 814 (Letter)

Foreskin

Androgen receptors in normal human foreskin. I. Stabilization and identification of two receptor subunits (Razel et al.), 410

G

Gap junctions

Electrical and mechanical uterine activity and gap junctions in peripheral sheep (Verhoeff et al.), 447

Genital tract

- Asymptomatic herpesvirus genital excretion during labor (Smith, Hepler, and Chang), 815 (Letter); Reply (Hankins), 816
- Genital herpes in pregnancy: risk factors associated with recurrences and asymptomatic viral shedding (Brown et al.), 24
- Genital warts and cervical cancer. VII. Improved colposcopic index for differentiating benign papillomaviral infections from high-grade cervical intraepithelial neoplasia (Reid and Scalzi), 611
- Improved laser techniques for elimination of genital and extragenital warts (Baggish), 545

Gentamicin

Delayed gentamicin elimination in patients with severe preeclampsia (McNeeley et al.), 793

Germ cell

Assessment of contemporary management of germ cell malignancies of ovary (Creasman and Soper), 828 (Clinical Opinion)

Gestational age

- Prospective analysis of influence of gestational age on baseline fetal heart rate and reactivity in low-risk population (Smith, Phelan, and Paul), 780
- Relationship of nonstress test to gestational age (Druzin et al.), 386

Gland

Activities of glycogen synthetase and glycogen phosphorylase in human endometrium: relative distribution in isolated glands and stroma (Souda et al.), 100

Glucose

- Accuracy of visual and meter determinations of blood glucose with use of Chemstrip bG (Marquette et al.),
- Correlations of glycosylated serum protein and glycosylated hemoglobin concentrations with blood glucose in diabetic pregnancy (Morris, Grandis, and Litton), 257
- Hepatic and peripheral responsiveness to glucose infusion in pregnancy (Cowett), 272

Glycogen

Activities of glycogen synthetase and glycogen phosphorylase in human endometrium: relative distribution in isolated glands and stroma (Souda et al.), 100

Gonadotropin

- Abdominal pregnancy following gonadotropin treatment (Saracoglu, Goksin, and Durukan), 804
- Adenylate cyclase in human ovarian cancers: sensitivity to gonadotropins and nonhormonal activators (Graves et al.), 877
- Effect of follicular fluid protein(s) on gonadotropin-modulated secretion of progesterone in porcine granulosa cell cultures (Battin and diZerega), 432

Gonadotropin, human chorionic

- Effect of different human chorionic gonadotropin assay sensitivity on screening for ectopic pregnancy (Romero et al.) 79
- Plasma prorenin in first-trimester pregnancy: relationship to changes in human chorionic gonadotropin (Sealey et al.), 514
- Postpartum disappearance of chorionic gonadotropin from maternal and neonatal circulations (Reyes, Winter, and Faiman), 486

Gonadotropin-resistant ovary syndrome

Pregnancy in patient with gonadotropin-resistant ovary syndrome (Amos), 154

Granular cell

Granular cell myoblastoma of vulva in 6-year-old girl (Brooks), 897

Granulosa cell

Effect of follicular fluid protein(s) on gonadotropin-modulated secretion of progesterone in porcine granulosa cell cultures (Battin and diZerega), 432

Gravit

Intrauterine fetal response to hypergravity by reduction of plasma prolactin levels in rat (Megory and Oyama), 811

H

Head

- Failure of cesarean section to prevent intracranial hemorrhage in siblings with isoimmune neonatal thrombocytopenia (Sia et al.), 79
- Prenatal diagnosis of occipital encephalocele (Chatterjee, Bondoc, and Adhate), 646

Heart

- Electronic fetal monitor paced by maternal implanted pacemaker (Goodlin and Cheatham), 570
- Thrombosis due to permanent pacemaker and oral contraceptives (Halub, Robie, and Deere), 571

Heart rate, fetal

- Antepartum fetal monitoring in insulin-dependent diabetic pregnancies (Diamond et al.), 528
- Antepartum nonstress fetal heart rate monitoring: systematic analysis of baseline patterns and decelerations as adjunct to reactivity in prediction of fetal risks (Brioschi et al.), 633
- Anxiety and epinephrine in multiparous women in labor: relationship to duration of labor and fetal heart rate pattern (Lederman et al.), 870
- Effects of hypoxemic events on breathing, body movements, and heart rate variation: study in growth-retarded human fetuses (Bekedam and Visser), 52
- Electronic fetal monitor paced by maternal implanted pacemaker (Goodlin and Cheatham), 570
- Experimentally produced sinusoidal fetal heart rate pattern in chronically instrumented fetal lamb (Murata et al.), 693
- Fetal heart rate changes following maternal administration of nasal decongestant (Baxi et al.), 799
- Fetal heart rate response to running in midpregnancy and late pregnancy (Clapp), 251
- Fetal heart rate variability and breathing movements (Fouron), 815 (Letter); Reply (Divon), 815
- Fetal subcutaneous scalp Po₂ and abnormal heart rate during labor (Aarnoudse et al.), 565
- Intrapartum fetal monitoring and uterine rupture (Pollack and Park), 342 (Letter); Reply (Zuidema), 343
- Intrauterine atrial fibrillation associated with fetomaternal hemorrhage (Bacevice, Dierker, and Wolfson),
- Limitations of autocorrelation in fetal heart rate monitoring (Fukushima et al.), 685
- Obstetric characteristics and fetal heart rate patterns of infants who convulse during newborn period (Keegan, Waffarm, and Quilligan), 732
- Preeclampsia and fetal heart rate decelerations (Mazor et al.), 115 (Letter); Reply (Bourgeois), 115

- Prospective analysis of influence of gestational age on baseline fetal heart rate and reactivity in low-risk population (Smith, Phelan, and Paul), 780
- Saline amnioinfusion for relief of repetitive variable decelerations: prospective randomized study (Miyazaki and Nevarez), 301
- Significance of sporadic heart rate deceleration during nonstress test (Woo and Poon), 708 (Letter); Reply (Mazor et al.), 708
- Transplacental treatment of tachycardia-induced fetal heart failure with verapamil and amiodarone: case report (Rey et al.), 311
- Validity of mathematical methods of quantitating fetal heart rate variability (Parer et al.), 402

Hematocrit

Use of fetal scalp hematocrit in diagnosis of severe hemorrhage from vasa previa (Silva et al.), 307

Hemodynamics

Magnesium sulfate and ritodrine hydrochloride: systemic and uterine hemodynamic effects (Thiagarajah, Harbert, and Bourgeois), 666

Hemoglobin

- Correlations of glycosylated serum protein and glycosylated hemoglobin concentrations with blood glucose in diabetic pregnancy (Morris, Grandis, and Litton), 257
- Glycosylated hemoglobin concentration in early gestation associated with neonatal outcome (Morris, Grandis, and Litton), 651

Hemolysis

Delayed hemolytic transfusion reaction: case of late postoperative fever (Soper), 227

Hemolytic anemia

Pyruvate kinase deficiency hemolytic anemia: two successful pregnancy outcomes (Fanning and Hinkle), 313

Hemophilus influenzae, type b

Fetal-neonate passive immunization against Hemophilus influenzae, type b (Amstey et al.), 607

Hemorrhage

- Failure of cesarean section to prevent intracranial hemorrhage in siblings with isoimmune neonatal thrombocytopenia (Sia et al.), 79
- Fetomaternal hemorrhage following trauma (Rose, Strohm, and Zuspan), 844
- Intrauterine atrial fibrillation associated with fetomaternal hemorrhage (Bacevice, Dierker, and Wolfson), 81
- Use of fetal scalp hematocrit in diagnosis of severe hemorrhage from vasa previa (Silva et al.), 307

Heparin

- Heparin treatment during pregnancy (Hahn), 342 (Letter) Hermansky-Pudlak syndrome
 - Hermansky-Pudlak syndrome in pregnancy: two case studies (Reiss et al.), 564

Herpes simplex infection

- Asymptomatic herpesvirus genital excretion during labor (Smith, Hepler, and Chang), 815 (Letter); Reply (Hankins), 816
- Genital herpes in pregnancy: risk factors associated with recurrences and asymptomatic viral shedding (Brown et al.), 24

Histology

Histologic control of biochemical steroid receptor analysis in endometrial carcinoma (Soper et al.), 520

Homeostasis

Magnesium homeostasis following chemotherapy with cisplatin: prospective study (Stewart, Keating, and Schwartz), 660

Hormones

- Hormonal and morphologic effects of bromocriptine on normal rat pituitary and GH₃ tumor cells (Lahteenmaki et al.), 349
- Stimulation of plasma prorenin by gonadotropic hormones (Sealey et al.), 596 (Letter)

Hospitalization

Hospitalizations among black women using contraceptives (Higgins et al.), 280

House of Horne

Cesarean section: answer to House of Horne (Leveno, Cunningham, and Pritchard), 838

Hydatidiform mole

- Effect of hydatidiform molar vesicular fluid on blood coagulation (Kaplan, Szulman, and Surti), 703
- Return of ovulation after evacuation of hydatidiform moles (Ho, Wong, and Ma), 638

Hydrops, fetal

α-Thalassemia hydrops fetalis: clinical and ultrasonographic considerations (Guy et al.), 500

Hyperreflexia

Management of autonomic hyperreflexia associated with low thoracic spinal cord lesion (Gimovsky et al.), 223

Hypertension

- Effects of hypertension in pregnancy on neurological maturation in neonates (Diven, Vertes, and Kelly), 709
- Prostacyclin in normal and hypertensive pregnancy (Greer et al.), 710 (Letter); Reply (Yamaguchi and Mori), 719

Hypotension

Fetal distress secondary to vancomycin-induced maternal hypotension (Hill), 74

Hypoxemia

Effects of hypoxemic events on breathing, body movements, and heart rate variation: study in growth-retarded human fetuses (Bekedam and Visser), 52

Hysterectomy

- Abdominal sacral colpopexy with Mersilene mesh in retroperitoneal position in management of posthysterectomy vaginal vault prolapse and enterocele (Addison et al.), 140
- Preoperative cefoxitin prophylaxis for elective abdominal hysterectomy (Hemsell et al.), 225

I

Immunization

- Alloimmunization in twin pregnancies (Bowman), 7
- Failure of cesarean section to prevent intracranial hemorrhage in siblings with isoimmune neonatal thrombocytopenia (Sia et al.), 79
- Fetal-neonate passive immunization against Hemophilus influenzae, type b (Amstey et al.), 607
- Lung profiles in isoimmunized pregnancy (Horenstein, Golde, and Platt), 443

Immunoglobulins

Immunoglobulins in prolonged ruptured membranes (Ismail et al.), 390

Immunohistochemistry

Immunohistochemical evaluation of human placental implantation: initial study (Tuttle et al.), 239

Incontinence, stress

Effect of terodiline treatment in women with motor urge incontinence (Uimsten, Ekman, and Andersson), 619

Indomethacin

Fetal and neonatal effects of indomethacin used as tocolytic agent (Veersema, de Jong, and van Wijck), 926 (Letter); Reply (Dudley and Hardie), 927

Fetal and neonatal effects of indomethacin used as tocolytic agent (Zuckerman and Shalev), 712 (Letter); Reply (Dudley), 713

Infant

Amniotic fluid insulin, C peptide concentrations, and fetal morbidity in infants of diabetic mothers (Fallucca et al.), 534

Obstetric characteristics and fetal heart rate patterns of infants who convulse during the newborn period (Keegan, Waffarn, and Quilligan), 732

Placentas of small-for-dates infants from Mexico City, Mexico (Labarrere), 235 (Letter); Reply (Davies), 236

Infections

Association of subclinical infection with preterm labor: role of C-reactive protein (Potkul, Moawad, and Ponto), 642

Cervical Chlamydia trachomatis infections in university women; relationship to history, contraception, ectopy, and cervicitis (Harrison et al.), 244

Genital warts and cervical cancer. VII. Improved colposcopic index for differentiating benign papillomaviral infections from high-grade cervical intraepithelial neoplasia (Reid and Scalzi), 611

Infection and phagocytosis as possible mechanisms of rupture in premature rupture of membranes (Sbarra et al.),

Laser therapy for vulvar molluscum contagiosum infection (Amstey and Trombetta), 800

Infertility

Reconstructive pelvic operations for in vitro fertilization (Garcia et al.), 172

Insemination, artificial

Homologous insemination—revisited (Nunley, Bateman, and Kitchin), 201

Insulia

Amniotic fluid insulin, C peptide concentrations, and fetal morbidity in infants of diabetic mothers (Fallucca et al.), 534

Nonsuppressible insulin-like activity and somatomedin C levels in normal pregnant women, in pregnant women with gestational diabetes, and in umbilical cord blood of mature and premature infants (Samaan et al.), 457

In vitro binding of insulin and epidermal growth factor to human endometrium and endocervix (Sheets et al.), 60

Intelligence quotient

Do midforceps deliveries really impair subsequent intelligence quotient scores: (Kadar), 233 (Letter); Reply (Friedman), 235

Interferon

Interferon for therapy of condyloma acuminatum (Gall, Hughes, and Trofatter), 157

Study of interferon production during pregnancy in mice and antiviral activity in placenta (Yamada et al.),

Intrapartum period

Short-term tocolysis adjunctive to intrapartum term breech management (Gimovsky), 233 (Letter)

Inversion, uterine

Acute puerperal uterine inversion: two-step management with β-mimetic and prostaglandin (Thiery and Delbeke), 891

Items, 118, 238, 348, 478, 598, 716, 921

K

Kidney

Influence of antecedent renal disease on pregnancy (Abe et al.), 508

L

Labor and delivery

Amniotomy and use of oxytocin in labor in nulliparous women (Seitchik, Holden, and Castillo), 848

Anxiety and epinephrine in multiparous women in labor: relationship to duration of labor and fetal heart rate pattern (Lederman et al.), 870

Association of subclinical infection with preterm labor: role of C-reactive protein (Potkul, Moawad, and Ponto), 642 Asymptomatic herpesvirus genital excretion during labor

(Smith, Hepler, and Chang), 815 (Letter); Reply (Hankins), 816

Capnocytophaga in amniotic fluid of women in preterm labor with intact membranes (Ernest and Wasilauskas), 648

Cephalic replacement for shoulder dystocia (O'Leary and Gunn), 592 (Letter); Reply (Horger), 592

Cervical vascular malformation as cause of antepartum and intrapartum bleeding in three diethylstilbestrol-exposed progeny (Follen, Fox, and Levine), 890

Collagen types in normal and prematurely ruptured amniotic membranes (Ka. ayama et al.), 899

Comparison of ritodrine, terbutaline, and magnesium sulfate for suppression of preterm labor (Beall et al.), 854

Do midforceps deliveries really impair subsequent intelligence quotient scores? (Kadar), 233 (Letter); Reply (Friedman), 235

Electrical and mechanical uterine activity and gap junctions in peripartal sheep (Verhoeff et al.), 447

Examination of data base in midforceps delivery study (Hauth, Gilstrap, and Hankins), 814 (Letter)

Fatal maternal outcome after delayed delivery in midtrimester abdominal pregnancy (Golland), 676

Fetal death during labor: epidemiologic indicator of level of obstetric care (Kiely, Paneth, and Susser), 721

Fetal subcutaneous scalp PO₂ and abnormal heart rate during labor (Aarnoudse et al.), 565

First report of case of congenital afibrinogenemia with successful delivery (Inamoto and Terao), 803

Immunoglobulins in prolonged ruptured membranes (Ismail et al.), 390

Indications for and timing of delivery in diabetic pregnancies (Mashini et al.), 759

Infection and phagocytosis as possible mechanisms of rupture in premature rupture of membranes (Sbarra et al.), 38

Influence of fetal sex on rupture of membranes and preterm labor (MacGillivray and Davey), 814 (Letter)

Intrapartum fetal monitoring and uterine rupture (Pollack and Park), 342 (Letter); Reply (Zuidema), 343

Intrapartum fetal surveillance: role of fetal scalp blood sampling (Clark and Paul), 717 (Clinical Opinion)

Intrapartum ultrasound diagnosis of nuchal cord as decisive factor in management (Feinstein et al.), 308

Is there need for digital examination in patients with spontaneous rupture of membranes (Munson et al.), 562

Leukocyte count in labor and delivery (Acker et al.), 737 Meconium below vocal cords at delivery: correlation with intrapartum events (Dooley et al.), 767

Paradoxical response to intravenous terbutaline (Bhat, Seifer, and Hensleigh), 310

- Placentas of small-for-dates infants from Mexico City, Mexico (Labarrere), 235 (Letter); Reply (Davies), 236
- Preinduction cervical ripening with prostaglandin E₂ (Prepidil) gel (Trofatter et al.), 268
- Preterm rupture of membranes: combination therapy (Van Dorsten, Horger, and Miller), 147
- Prophylactic intrapartum amnioinfusion in patients with preterm premature rupture of membranes (Nageotte et al.), 557
- Prostaglandin E and F_{2a} receptors in human myometrium during menstrual cycle and in pregnancy and labor (Giannopoulos et al.), 904
- Pseudomembranous enterocolitis after cesarean delivery (Duff), 926 (Letter); Reply (Arsura), 926
- Report of successful delivery after nonsurgical management of choriocarcinoma-related pelvic arteriovenous fistula (Chapman and Lutz), 155
- Short-term tocolysis adjunctive to intrapartum term breech management (Gimovsky), 233 (Letter)
- Single injection of terbutaline in term labor. I. Effect on fetal pH in cases with prolonged bradycardia (Ingemarsson, Arulkumaran, and Ratnam), 859
- Single injection of terbutaline in term labor. II. Effect on uterine activity (Ingemarsson, Arulkumaran, and Ratnam), 865
- Twin delivery: how should second twin be delivered (Olofsson and Rydhström), 479 (Clinical Opinion)
- son and Rydhström), 479 (Clinical Opinion)
 Uterine rupture with use of vaginal prostaglandin E₂ (El-
- der), 342 (Letter); Reply (Claman), 342
 X-ray pelvimetry in breech protocol: comparison of digital radiography and conventional methods (Gimovsky et al.), 887

Lactobacillus species

In vitro adherence of *Lactobacillus* species to vaginal epithelial cells (Wood et al.), 740

Laser

- Carbon dioxide laser for combination excisional-vaporization conization (Rouse and Minielly), 343 (Letter); (Grant), 344 (Letter); Reply (Dorsey), 344
- Carbon dioxide laser surgery (Rubinstein), 345 (Letter); Reply (Baggish and Dorsey), 346
- Improved laser techniques for the elimination of genital and extragenital warts (Baggish), 545
- Laser combination procedure for cervical intraepithelial neoplasia (Wright), 344 (Letter); Reply (Baggish and Dorsey), 345
- Laser therapy for vulvar molluscum contagiosum infection (Amstey and Trombetta), 800

Lavage

Biologic and mo:phologic development of donated human ova recovered by nonsurgical uterine lavage (Buster et al.), 211

Leiomyoma

Bladder leiomyoma: rare cause of pelvic pain (McLucas and Stein), 896

Leukocyte

Validity of leukocyte esterase reagent test strip in detecting significant leukocyturia (Marquette et al.), 888

Leukocyturia

Validity of leukocyte esterase reagent test strip in detecting significant leukocyturia (Marquette et al.), 888

Leukotriene

Influence of ovarian steroids on prostaglandin- and leukotriene-induced uterine contractions (Hahn et al.), 87

Lipoid cells

Steroid secretion by lipoid cell tumor causing virilization and its diagnosis with computerized tomography (Fonseca et al.), 797

Lipids

Randomized crossover comparison of two low-dose contraceptives: effects on serum lipids and lipoproteins (März et al.), 287

Lipoproteins

Randomized crossover comparison of two low-dose contraceptives: effects on serum lipids and lipoproteins (März et al.), 287

Liver

Hepatic and peripheral responsiveness to glucose infusion in pregnancy (Cowett), 272

Lungs

- Amniotic fluid prolactin and fetal lung maturation (Johnson et al.), 372
- Lung profiles in isoimmunized pregnancy (Horenstein, Golde, and Platt), 443
- Propranolol inhibits maturational effect of adrenocorticotropin in fetal sheep lung (Vilos et al.), 472
- Serum unconjugated estriol level as predictor of pulmonary maturity (Stovall, Dashow, and Read), 568

Lupus anticoagulant

Lupus anticoagulant and pregnancy (Lubbe and Liggins), 322 (Current Development)

Lupus erythematosus

Systemic lupus erythematosus and reproductive function: case-control study (Grimes et al.), 179

Luteinizing hormone

Effect of acute exercise on pulsatile release of luteinizing hormone in women runners (Cumming et al.), 482

M

Macrosomia

Mother's birth weight as predictor of macrosomia (Klebanoff et al.), 253

Magnesium

Magnesium homeostasis following chemotherapy with cisplatin: prospective study (Stewart, Keating, and Schwartz), 660

Magnesium sulfate

- Action of magnesium sulfate on platelet prostacyclin interaction and prostacyclin of blood vessels (Briel and Lippert), 232 (Letter)
- Comparison of ritodrine, terbutaline, and magnesium sulfate for suppression of preterm labor (Beall et al.), 854
- Effect of parenteral magnesium sulfate on penicillin-induced seizure foci in anesthetized cats (Koontz and Reid),
- Magnesium sulfate and ritodrine hydrochloride: systemic and uterine hemodynamic effects (Thiagarajah, Harbert, and Bourgeois), 666

Meconium

- Meconium aspiration syndrome (Farrell and Hageman), 593 (Letter); Reply (Philips et al.), 594
- Meconium below vocal cords at delivery: correlation with intrapartum events (Dooley et al.), 767

Menstrual cycle

- Prostaglandin E and F_{2a} receptors in human myometrium during menstrual cycle and in pregnancy and labor (Giannopoulos et al.), 904
- Variations in red blood cell proton T₁ relaxation times that correspond to menstrual cycle changes (Rosenthal, Strauss, and Minkoff), 812

Mersilene mesh

Abdominal sacral colpopexy with Mersilene mesh in retroperitoneal position in management of posthysterectomy vaginal vault prolapse and enterocele (Addison et al.), 140

Metabolism

Inhibition of arachidonic acid metabolism by antipyrine and 4-aminoantipyrine (Cohen et al.), 589

Interspecies variation in ritodrine metabolism (Borrisud, Alexander, and Andresen), 332

Triphasic oral contraception: metabolic effects in normal women and those with previous gestational diabetes (Skouby et al.), 495

Mexico City, Mexico

Placentas of small-for-dates infants from Mexico City, Mexico (Labarrere), 235 (Letter); Reply (Davies), 236

β-Mimetic

Acute puerperal uterine inversion: two-step management with β-mimetic and prostaglandin (Thiery and Delbeke), 891

Minerals

Prediction of postmenopausal fracture risk with use of bone mineral measurements (Wasnich et al.), 745

Mole, invasive

Risk of postmolar invasive complications with oral contraceptive use (Yuen and Callegari), 924 (Letter); Reply (Morrow and Schlaerth), 925

Molluscum contagiosum

Laser therapy for vulvar molluscum contagiosum infection (Amstey and Trombetta), 800

Monitoring, fetal

Antepartum nonstress fetal heart rate monitoring: systematic analysis of baseline patterns and decelerations as adjunct to reactivity in prediction of fetal risks (Brioschi et al.), 633

Electronic fetal monitor paced by maternal implanted pacemaker (Goodlin and Cheatham), 570

Intrapartum fetal monitoring and uterine rupture (Pollack and Park), 342 (Letter); Reply (Zuidema), 343

Intrapartum fetal surveillance: role of fetal scalp blood sampling (Clark and Paul), 717 (Clinical Opinion)

Limitations of autocorrelation in fetal heart rate monitoring (Fukushima et al.), 685

Morphology

Biologic and morphologic development of donated human ova recovered by nonsurgical uterine lavage (Buster et al.), 211

Erythrocyte morphology in women with severe preeclampsia and eclampsia (Cunningham et al.), 358

Hormonal and morphologic effects of bromocriptine on normal rat pituitary and GH₃ tumor cells (Lahteenmaki et al.), 349

Mortality, maternal

Fatal maternal outcome after delayed delivery in midtrimester abdominal pregnancy (Golland), 676

Maternal death associated with sickle cell trait (Foster), 346 (Letter); Reply (Pastorek), 347

Mortality, neonatal

Neonatal mortality in very low birth weight and very preterm infants (Verloove-Vanhorick, Verwey, and Keirse), 929 (Letter); Reply (Goldenberg), 930

Mortality, perinatal

Confirmation of xeroradiography as important postmortem fetal diagnostic technique (Graham et al.), 347

Fetal death during labor: epidemiologic indicator of level of obstetric care (Kiely, Paneth, and Susser), 721

Munchausen syndrome

Pregnant women with Munchausen syndrome (Goodlin), 207 (Clinical Opinion)

Muscular dystrophy

Myotonic muscular dystrophy associated with ritodrine tocolysis (Streib, Sun, and Goodlin), 593 (Letter)

Myoblastoma

Granular cell myoblastoma of vulva in 6-year-old girl (Brooks), 897

Myometrin

Cytochrome P-450 activity in human leiomyoma and normal myometrium (Senler et al.), 551

Prostaglandin E and F_{2s} receptors in human myometrium during menstrual cycle and in pregnancy and labor (Giannopoulos et al.), 904

N

National board scores

Use of national board scores in selecting residents for obstetrics and gynecology (Spellacy), 605

Manmat

Development of electrocortical activity in fetal and neonatal guinea pig (Umans et al.), 467

Effects of hypertension in pregnancy on neurological maturation in neonates (Diven, Vertes, and Kelly), 709

Failure of cesarean section to prevent intracranial hemorrhage in siblings with isoimmune neonatal thrombocytopenia (Sia et al.), 79

Fetal and neonatal effects of indomethacin used as tocolytic agent (Zuckerman and Shalev), 712 (Letter); Reply (Dudley), 713

Neonate

Fetal and neonatal effects of indomethacin used as tocolytic agent (Veersema, de Jong, and van Wijck), 926 (Letter); Reply (Dudley and Hardie), 927

Fetal-neonate passive immunization against Hemophilus influenzae, type b (Amstey et al.), 607

Glycosylated hemoglobin concentration in early gestation associated with neonatal outcome (Morris, Grandis, and Litton), 651

Neonatal mortality in very low birth weight and very preterm infants (Verloove-Vanhorick, Verwey, and Keirse), 929 (Letter); Reply (Goldenberg), 930

Postpartum disappearance of chorionic gonadotropin from maternal and neonatal circulations (Reyes, Winter, and Faiman), 486

Norepinephrine

Systemic and uterine responsiveness to angiotensin II and norepinephrine in estrogen-treated nonpregnant sheep (Naden and Rosenfeld), 417

Nose

Fetal heart rate changes following maternal administration of nasal decongestant (Baxi et al.), 799

Nuclear magnetic resonance imaging

Gynecologic masses: value of magnetic resonance imaging (Hricak et al.), 31

Nucleus

Age-dependent, ovary-independent decrease in nuclear binding kinetics of estrogen receptors in brain of C57BL/ 6J mouse (Belisle, Bellabarba, and Lehoux), 394

Nutritio

Corpus and cervix cancer: nutritional comparison (Orr et al.), 775

0

Obstetrics and gynecology

Fetal death during labor: epidemiologic indicator of level of obstetric care (Kiely, Paneth, and Susser), 721

Gynecologic amyloidosis (Copeland, Hawley, and Teteris),

Gynecologic masses: value of magnetic resonance imaging (Hricak et al.), 31

Initial instruction in pelvic examination (Coopland), 597 (Letter); Reply (Beckmann), 597

Obstetric characteristics and fetal heart rate patterns of infants who convulse during newborn period (Keegan, Waffarn, and Quilligan), 732

Reliability of gynecologic sonographic diagnosis, 1978-1984 (Wade et al.), 186

Use of national board scores in selecting residents for obstetrics and gynecology (Spellacy), 605

Oocytes

Biologic and morphologic development of donated human ova recovered by nonsurgical uterine lavage (Buster et al.), 211

Osteocalcin

Levels of osteocalcin in normal pregnancy (Martinez et al.), 708 (Letter)

Ova (see Oocytes)

Ovarian carcinom

Adenylate cyclase in human ovarian cancers: sensitivity to gonadotropins and nonhormonal activators (Graves et al.), 877

Assessment of contemporary management of germ cell malignancies of ovary (Creasman and Soper), 828 (Clinical Opinion)

Comparison of intraperitoneal and intravenous routes of cisplatin administration in advanced ovarian cancer model of rat (Sekiya, Iwasawa, and Takamizawa), 106

Serous cystadenocarcinoma as incidental finding during repeat cesarean section (Ahram, Lakoff, and Miller), 78

Ovarian tumors

Autologous antibodies eluted from membrane fragments isolated from effusions of human ovarian epithelial neoplasms (Kutteh et al.), 124

Ovary

Age-dependent, ovary-independent decrease in nuclear binding kinetics of estrogen receptors in brain of C57BL/ 6J mouse (Belisle, Bellabarba, and Lehoux), 394

Effect of follicular fluid protein(s) on gonadotropin-modulated secretion of progesterone in porcine granulosa cell cultures (Battin and diZerega), 432

Follicular development: lessons learned from human in vitro fertilization (DeCherney, Tarlatzis, and Laufer), 911 (Current Development)

Influence of ovarian steroid on prostaglandin- and leukotriene-induced uterine contractions (Hahn et al.), 87

Ovulation

Return of ovulation after evacuation of hydatidiform moles (Ho, Wong, and Ma), 638

Oxytocin

Amniotomy and use of oxytocin in labor in nulliparous women (Seitchik, Holden, and Castillo), 848

Is oxytocin the culprit (Goodlin), 928 (Letter); Reply (MacDonald et al.), 929

P

Pacemake

Electronic fetal monitor paced by maternal implanted pacemaker (Goodlin and Cheatham), 570 Thrombosis due to permanent pacemaker and oral contraceptives (Halub, Robie, and Deere), 571

Pain

Bladder leiomyoma: rare cause of pelvic pain (McLucas and Stein), 896

Relief of pain in first-trimester abortion (Trupin), 591 (Letter)

Paper

Society of Gynecologic Investigation, 349-477

Papillomavirus

Genital warts and cervical cancer. VII. Improved colposcopic index for differentiating benign papillomaviral infections from high-grade cervical intraepithelial neoplasia (Reid and Scalzi), 611

Pelvis

Bladder leiomyoma: rare cause of pelvic pain (McLucas and Stein), 896

Failure of intraperitoneal adjuncts to improve outcome of pelvic operations in young women (Jansen), 363

Initial instruction in pelvic examination (Coopland), 597 (Letter); Reply (Beckmann), 597

Reconstructive pelvic operations for in vitro fertilization (Garcia et al.), 172

Report of successful delivery after nonsurgical management of choriocarcinoma-related pelvic arteriovenous fistula (Chapman and Lutz), 155

Penicillin

Effect of parenteral magnesium sulfate on penicillin-induced seizure foci in anesthetized cats (Koontz and Reid), 96

Peptide

Dipeptide transport in brush-border membrane vesicles isolated from normal term human placenta (Ganapathy et al.), 83 (Current Investigation)

Perinatal period

Obstetric characteristics and fetal heart rate patterns of infants who convulse during newborn period (Keegan, Waffarm, and Quilligan), 732

Peritoneum

Comparison of intraperitoneal and intravenous routes of cisplatin administration in advanced ovarian cancer model of rat (Sekiya, Iwasawa, and Takamizawa), 106

Failure of intraperitoneal adjuncts to improve outcomes of pelvic operations in young women (Jansen), 363

Intraperitoneal chromic phosphate P 32 suspension therapy of malignant peritoneal cytology in endometrial carcinoma (Soper et al.), 191

Phagocytosis

Infection and phagocytosis as possible mechanisms of rupture in premature rupture of membranes (Sbarra et al.), 38

-U

Single injection of terbutaline in term labor. I. Effect on fetal pH in cases with prolonged bradycardia (Ingemarsson, Arulkumaran, and Ratnam), 859

Phycomycosis

Phycomycosis of vulva (Scott, Gallis, and Livengood), 675

Physicians

Use of national board scores in selecting residents for obstetrics and gynecology (Spellacy), 605

Pituitary gland

Hormonal and morphologic effects of bromocriptine on normal rat pituitary and GH₃ tumor cells (Lahteenmaki et al.), 349

Placenta

- Anatomic basis for ultrasound images of human placenta (Vermeulen et al.), 806
- Dipeptide transport in brush-border membrane vesicles isolated from normal term human placenta (Ganapathy et al.), 83 (Current Investigation)
- Immunohistochemical evaluation of human placental implantation: initial study (Tuttle et al.), 239
- Placenta previa percreta with fetal survival (Gribble and FitzSimmons), 314
- Placentas of small-for-dates infants from Mexico City, Mexico (Labarrere), 235 (Letter); Reply (Davies), 236
- Relationship of uteroplacental blood flow to placental clearance of maternal plasma C-19 steroids evaluation of mathematical models (Senner et al.), 573
- Study of interferon production during pregnancy in mice and antiviral activity in placenta (Yamada et al.), 335
- Transplacental treatment of tachycardia-induced fetal heart failure with verapamil and amiodarone: case report (Rey et al.), 311

Platelete

Action of magnesium sulfate on platelet prostacyclin interaction and prostacyclin of blood vessels (Briel and Lippert), 232 (Letter)

Po

Fetal subcutaneous scalp Po₂ and abnormal heart rate during labor (Aarnoudse et al.), 565

Postmenopause

- Acute abdominal condition caused by retrograde bleeding in postmenopausal patient on estrogen-progestogen therapy (Rabinovici et al.), 677
- Prediction of postmenopausal fracture risk with use of bone mineral measurements (Wasnich et al.), 745

Postpartum period

- Effect of serotonergic blockade in postpartum preeclamptic patients (Montenegro et al.), 130
- Postpartum disappearance of chorionic gonadotropin from maternal and neonatal circulations (Reyes, Winter, and Faiman), 486

Preeclampsia-eclampsia

- In defense of conservative management of severe preeclampsia (Goodlin), 924 (Letter); Reply (Sibai), 924
- Delayed gentamicin elimination in patients with severe preeclampsia (NcNeeley et al.), 793
- Effect of serotonergic blockade in postpartum preeclamptic patients (Montenegro et al.), 130
- Erythrocyte morphology in women with severe preeclampsia and eclampsia (Cunningham et al.), 358
- Predictive value of roll-over test in women with mild preeclampsia (Yemini et al.), 77
- Preeclampsia and fetal heart rate decelerations (Mazor et al.), 115 (Letter); Reply (Bourgeois), 115
- Treatment of patients with severe preeclampsia in second trimester (Grasinger and Thurnau), 928 (Letter); Reply (Sibai), 928

Pregnancy

- Abdominal pregnancy following gonadotropin treatment (Saracoglu, Goksin, and Durukan), 804
- Alloimmunization in twin pregnancies (Bowman), 7
- Antenatal sonographic diagnosis of conjoined twins in triplet pregnancy (Koontz et al.), 230
- Antepartum fetal monitoring in insulin-dependent diabetic pregnancies (Diamond et al.), 528
- Associations between unfavorable outcomes in successive pregnancies (Miller and Jekel), 20

- Correlations of glycosylated serum protein and glycosylated hemoglobin concentrations with blood glucose in diabetic pregnancy (Morris, Grandis, and Litton), 257
- Effect of calcium supplementation on vascular sensitivity to angiotensin II in pregnant women (Kawasaki et al.), 576
- Effects of hypertension in pregnancy on neurological maturation in neonates (Diven, Vertes, and Kelly), 709 (Letter)
- Elevated maternal glycohemoglobin in early pregnancy and spontaneous abortion among insulin-dependent diabetic women (Miodovnik et al.), 439
- Evaluation of new generation of urinary pregnancy tests (Cartwright et al.), 730
- Fatal maternal outcome after delayed delivery in midtrimester abdominal pregnancy (Golland), 676
- Fetal blood sampling during pregnancy with use of needle guided by ultrasound: study of 606 consecutive cases (Daffos, Capella-Pavlovsky, and Forestier), 655
- Fetal heart rate response to running in midpregnancy and late pregnancy (Clapp), 251
- Fetal position during pregnancy (Hughey), 885
- Fetomaternal hemorrhage following trauma (Rose, Strohm, and Zuspan), 844
- Genital herpes in pregnancy: risk factors associated with recurrences and asymptomatic viral shedding (Brown et al.). 24
- Glycosylated hemoglobin concentration in early gestation associated with neonatal outcome (Morris, Grandis, and Litton), 651
- Heparin treatment during pregnancy (Hahn), 342 (Letter) Hepatic and peripheral responsiveness to glucose infusion in pregnancy (Cowett), 272
- Hermansky-Pudlak syndrome in pregnancy: two case studies (Reiss et al.), 564
- Idiopathic hypoparathyroidism with gestational diabetes (Blickstein, Kessler, and Lancet), 649
- Immunohistochemical evaluation of human placental implantation: initial study (Tuttle et al.), 239
- Indications for and timing of delivery in diabetic pregnancies (Mashini et al.), 759
- Influence of antecedent renal disease on pregnancy (Abe et al.), 508
- Levels of osteocalcin in normal pregnancy (Martinez et al.), 708 (Letter)
- Lung profiles in isoimmunized pregnancy (Horen:.ein, Golde, and Platt), 443
- Lupus anticoagulant and pregnancy (Lubbe and Liggins), 322 (Current Development)
- Management of diabetes mellitus in pregnancy (Gabbe), 824 (Clinical Opinion)
- (Veille, Morton, and Burry), 261
- Maternal serum α-fetoprotein screening of fetal trisomies (Hershey, Crandall, and Schroth), 224
- Nonsuppressible insulin-like activity and somatomedin C levels in normal pregnant women, in pregnant women with gestational diabetes, and in umbilical cord blood of mature and premature infants (Samaan et al.), 457
- Plasma prorenin in first-trimester pregnancy: relationship to changes in human chorionic gonadotropin (Sealey et al.), 514
- Pregnancy in patient with gonadotropin-resistant ovary syndrome (Amos), 154
- Pregnant women with Munchausen syndrome (Goodlin), 207 (Clinical Opinion)

- Prospective trial of fetal biophysical profile versus nonstress test in management of high-risk pregnancies (Platt et al.), 624
- Prostacyclin in normal and hypertensive pregnancy (Greer et al.), 710 (Letter); Reply (Yamaguchi and Mori), 712
- Prostaglandin E and F_{2a} receptors in human myometrium during menstrual cycle and in pregnancy and labor (Giannopoulos et al.), 904
- Pyruvate kinase deficiency hemolytic anemia: two successful pregnancy outcomes (Fanning and Hinkle), 313
- Real-time ultrasound estimations of weight of fetuses of diabetic gravid women (Tamura et al.), 57
- Receiver operating characteristic analysis of glycosylated hemoglobin and standard test for carbohydrate intolerance in pregnancy (Dierksheide), 113 (Letter)
- Screening for carbohydrate intolerance in pregnancy: comparison of two tests and reassessment of common approach (Cousins et al.), 381
- Sonographic diagnosis of Down syndrome in second trimester (Benacerraf, Frigoletto, and Laboda), 49
- ter (Benacerrat, Frigoletto, and Laboda), 49 Sonographic diagnosis of periappendicular abscess in preg-
- nancy (Jaffe et al.), 623
 Study of interferon production during pregnancy in mice
- and antiviral activity in placenta (Yamada et al.), 335 Surveillance of twin pregnancy with umbilical arterial ve-
- locimetry (Farmakides et al.), 789 Systemic sclerosis and pregnancy complicated by obstructive
- uropathy (Moore et al.), 893 α-Thalassemia hydrops fetalis: clinical and ultrasonographic considerations (Guy et al.), 500
- Treatment of patients with severe preeclampsia in second trimester (Grasinger and Thurnau), 928 (Letter); Reply (Sibai), 928

Prematurity

- Association of subclinical infection with preterm labor: role of C-reactive protein (Potkul, Moawad, and Ponto), 642
- Capnocytophaga in amniotic fluid of woman in preterm labor with intact membranes (Ernest and Wasilauskas), 648
- Collagen types in normal and prematurely ruptured amniotic membranes (Kanayama et al.), 899
- Comparison of ritodrine, terbutaline, and magnesium sulfate for suppression of preterm labor (Beall et al.), 854
- Influence of fetal sex on rupture of membranes and preterm labor (MacGillivray and Davey), 814 (Letter)
- Neonatal mortality in very low birth weight and very preterm infants (Verloove-Vanhorick, Verwey, and Keirse), 929 (Letter); Reply (Goldenberg), 930
- Nonsuppressible insulin-like activity and somatomedin C levels in normal pregnant women, in pregnant women with gestational diabetes, and in umbilical cord blood of mature and premature infants (Samaan et al.), 457
- Prophylactic intrapartum amnioinfusion in patients with preterm premature rupture of membranes (Nageotte et al.), 557
- Relationship between fetal activity and behavioral states and fetal breathing movements in normal and growth-retarded fetuses (van Vliet et al.), 582

Premenstrual syndrome

Premenstrual syndrome: concerns, controversies, and treatment (Pariser et al.), 599 (Clinical Opinion)

Prenatal diagnosis

Prenatal diagnosis of occipital encephalocele (Chatterjee, Bondoc, and Adhate), 646

- Prenatal genetics
 - Chorionic villus sampling: first-trimester prenatal diagnosis of partial 10q trisomy in family with 4/10 translocation (Olson et al.), 743
- Nonpredictive value of measurements of delta optical density at 450 nm in SS disease (Lindsay and Lupo), 75
- Prenatal ultrasonic diagnosis of cloacal exstrophy (Meizner and Bar-Ziv), 802

Prepidil

Preinduction cervical ripening with prostaglandin E₂ (Prepidil) gel (Trofatter et al.), 268

Prolactin

- Ameiotic fluid prolactin and fetal lung maturation (Johnson et al.), 372
- Intrauterine fetal response to hypergravity by reduction of plasma prolactin levels in rat (Megory and Oyama), 811
- Prolactin bioactivity following decidual synthesis and transport by amniochorion (McCoshen and Barc), 217

Prolapse

Abdominal sacral colpopexy with Mersilene mesh in retroperitoneal position in management of posthysterectomy vaginal vault prolapse and enterocele (Addison et al.), 140

Progesterone

- Effect of follicular fluid protein(s) on gonadotropin-modulated secretion of progesterone in porcine granulosa cell cultures (Battin and diZerega), 432
- Progesterone receptors in human vaginal tissue (Batra and Iosif), 524

Progestogen

Acute abdominal condition caused by retrograde bleeding in postmenopausal patient on estrogen-progestogen therapy (Rabinovici et al.), 677

Prorenin

- Plasma prorenin in first-trimester pregnancy: relationship to changes in human chorionic gonadotropin (Sealey et al.), 514
- Stimulation of plasma prorenin by gonadotropic hormones (Sealey et al.), 596 (Letter)

Propranolol

Propranolol inhibits maturational effect of adrenocorticotropin in fetal sheep lung (Vilos et al.), 472

Prostacyclin

- Action of magnesium sulfate on platelet prostacyclin interaction and prostacyclin of blood vessels (Briel and Lippert), 232 (Letter)
- Prostacyclin in normal and hypertensive pregnancy (Greer et al.), 710 (Letter); Reply (Yamaguchi and Mori), 712

Prostaglandins

- Acute puerperal uterine inversion: two-step management with β-mimetic and prostaglandin (Thiery and Delbeke), 891
- Influence of ovarian steroids on prostaglandin- and leukotriene-induced uterine contractions (Hahn et al.),
- Preinduction cervical ripening with prostaglandin E₂ (Prepidil) gel (Trofatter et al.), 268
- Prostaglandin E and F_{2a} receptors in human myometrium during menstrual cycle and in pregnancy and labor (Giannopoulos et al.), 904
- Relation between cyclic adenosine monophosphate and prostaglandin output by dispersed cells from human amnion and decidua (Warrick et al.), 66
- Uterine rupture with use of vaginal prostaglandin E₂ (Elder), 342 (Letter); Reply (Claman), 342

Protein

Correlations of glycosylated serum protein and glycosylated hemoglobin concentrations with blood glucose in diabetic pregnancy (Morris, Grandis, and Litton), 257

Effect of follicular fluid protein(s) on gonadotropin-modulated secretion of progesterone in porcine granulosa cell cultures (Battin and diZerega), 432

Proton T₁ relaxation times

Variations in red blood cell proton T₁ relaxation times that correspond to menstrual cycle changes (Rosenthal, Strauss, and Minkoff), 812

Pseudomembranous enterocolitis

Pseudomembranous enterocolitis after cesarean delivery (Duff), 926 (Letter); Reply (Arsura), 926

Pyridinoline

Content of collagen and elastin cross-links pyridinoline and desmosines in human uterus in various reproductive states (Gunja-Smith and Woessner), 92

Pyruvate kinase

Pyruvate kinase deficiency hemolytic anemia: two successful pregnancy outcomes (Fanning and Hinkle), 313

D

Radiography

X-ray pelvimetry in breech protocol: comparison of digital radiography and conventional methods (Gimovsky et al.),

Receptors

Age-dependent, ovary-independent decrease in nuclear binding kinetics of estrogen receptors in brain of C57BL/ 6J mouse (Belisle, Bellabarba, and Lehoux), 394

Histologic control of biochemical steroid receptor analysis in endometrial carcinoma (Soper et al.), 520

Progesterone receptors in human vaginal tissue (Batra and Iosif), 524

Prostaglandin E and F_{2a} receptors in human myometrium during menstrual cycle and in pregnancy and labor (Giannopoulos et al.), 904

Reproduction

Content of collagen and elastin cross-links pyridinoline and desmosines in human uterus in various reproductive states (Gunja-Smith and Woessner), 92

Systemic lupus erythematosus and reproductive function: case-control study (Grimes et al.), 179

Residents

Use of national board scores in selecting residents for obstetrics and gynecology (Spellacy), 605

Rh disease

Controversies in Rh prophylaxis (Hensleigh), 112 (Letter); Reply (Bowman), 112

Ritodrine

Comparison of ritodrine, terbutaline, and magnesium sulfate for suppression of preterm labor (Beall et al.), 854

Interspecies variation in ritodrine metabolism (Borrisud, Alexander, and Andresen), 332

Magnesium sulfate and ritodrine hydrochloride: systemic and uterine hemodynamic effects (Thiagarajah, Harbert, and Bourgeois), 666

Myotonic muscular dystrophy associated with ritodrine tocolysis (Streib, Sun, and Goodlin), 593 (Letter)

Rocket clip

Comparative clinical trial of tubal ring versus Rocket clip for female sterilization (Aranda et al.), 755

Running

Fetal heart rate response to running in midpregnancy and late pregnancy (Clapp), 251

S

Scalp PO,

Fetal subcutaneous scalp Po₂ and abnormal heart rate during labor (Aarnoudse et al.), 565

Screening

Effect of different human chorionic gonadotropin assay sensitivity on screening for ectopic pregnancy (Romero et al.), 72

Maternal serum α-fetoprotein screening of fetal trisomies (Hershey, Crandall, and Schroth), 224

Screening for carbohydrate intolerance in pregnancy: comparison of two tests and reassessment of common approach (Cousins et al.), 381

Sclerosis

Systemic sclerosis and pregnancy complicated by obstructive uropathy (Moore et al.), 893

Serotonia

Effect of serotonergic blockade in postpartum preeclamptic patients (Montenegro et al.), 130

Serun

Blocking of human fertilization in vitro by sera with spermimmobilizing antibodies (Kamada et al.), 328

Correlations of glycosylated serum protein and glycosylated hemoglobin concentrations with blood glucose in diabetic pregnancy (Morris, Grandis, and Litton), 257

Maternal serum α-fetoprotein screening of fetal trisomies (Hershey, Crandall, and Schroth), 224

Randomized crossover comparison of two low-dose contraceptives: effects on serum lipids and lipoproteins (März et al.), 287

Sex

Influence of fetal sex on rupture of membranes and preterm labor (MacGillivray and Davey), 814 (Letter)

Sickle cell disease

Maternal death associated with sickle cell disease (Foster), 346; Reply (Pastorek), 347

Nonpredictive value of measurements of delta optical density at 450 nm in SS disease (Lindsay and Lupo), 75.

Society for Gynecologic Investigation

Papers of, 349-477

Somatomedin C

Nonsuppressible insulin-like activity and somatomedin C levels in normal pregnant women, in pregnant women with gestational diabetes, and in umbilical cord blood of mature and premature infants (Samaan et al.), 457

South Atlantic Association of Obstetricians and Gynecologists, The

Transactions, forty-seventh annual meeting, 119-23

Spermatozoa

Blocking of human fertilization in vitro by sera with spermimmobilizing antibodies (Kamada et al.), 328

Spinal cord

Management of autonomic hyperreflexia associated with low thoracic spinal cord lesion (Gimovsky et al.),

Startle reflex

Evoked fetal startle response: possible intrauterine neurological examination (Divon et al.), 454

Statistics

Relationship of uteroplacental blood flow to placental clearance of maternal plasma C-19 steroids: evaluation of mathematical models (Senner et al.), 573

Sterilization

Comparative clinical trial of tubal ring versus Rocket clip for female sterilization (Aranda et al.), 755

Steroids

Histologic control of biochemical steroid receptor analysis in endometrial carcinoma (Soper et al.), 520

Influence of ovarian steroids on prostaglandin- and leukotriene-induced uterine contractions (Hahn et al.), 87

Relationship of uteroplacental blood flow to placental clearance of maternal plasma C-19 steroids: evaluation of mathematical models (Senner et al.), 573

Steroid secretion by lipoid cell tumor causing virilization and its diagnosis with computerized tomography (Fonseca et al.), 797

Stroma

Activities of glycogen synthetase and glycogen phyosphorylase in human endometrium: relative distribution in isolated glands and stroma (Souda et al.), 100

Surgical procedures

Abdominal sacral colpopexy with Mersilene mesh in retroperitoneal position in management of posthysterectomy vaginal vault prolapse and enterocele (Addison et al.), 140

Carbon dioxide laser surgery (Rubinstein), 345 (Letter); Reply (Baggish and Dorsey), 345

Clostridium difficile-associated diarrhea follows perioperative prophylaxis with cefoxitin (Block et al.), 835

Failure of intraperitoneal adjuncts to improve outcome of pelvic operations in young women (Jansen), 363

"Posterior culdeplasty": revisited (Given), 135

Preoperative cefoxitin prophylaxis for elective abdominal hysterectomy (Hemsell et al.), 225

Reconstructive pelvic operations for in vitro fertilization (Garcia et al.), 172

Syndrome

Decreased levels of amniotic fluid α-fetoprotein associated with Down syndrome (Davis et al.), 541

Hermansky-Pudlak syndrome in pregnancy: two case studies (Reiss et al.), 564

Meconium aspiration syndrome (Farrell and Hageman), 593 (Letter); Reply (Philips et al.), 594

Pregnancy in patient with gonadotropin-resistant ovary syndrome (Amos), 154

Pregnant women with Munchausen syndrome (Goodlin), 207 (Clinical Opinion)

Premenstrual syndrome: concerns, controversies, and treatment (Pariser et al.), 599 (Clinical Opinion)

Sonographic diagnosis of Down syndrome in second trimester (Benacerraf, Frigoletto, and Laboda), 49

Sonographic sign for detection of Down's syndrome (Castillo), 595 (Letter); Reply (Benacerraf, Barss, and Laboda), 595

Synthesis

Prolactin bioactivity following decidual synthesis and transport by amniochorion (McCoshen and Barc), 217

T

Terbutaline

Comparison of ritodrine, terbutaline, and magnesium sulfate for suppression of preterm labor (Beall et al.), 854 Paradoxical response to intravenous terbutaline (Bhat, Sei-

fer, and Hensleigh), 310

Single injection of terbutaline in term labor. I. Effect on fetal pH in cases with prolonged bradycardia (Ingemarsson, Arulkumaran, and Ratnam), 859

Single injection of terbutaline in term labor. II. Effect on uterine activity (Ingemarsson, Arulkumaran, and Ratnam), 865 Use of intravenous terbutaline to facilitate uterine repositioning (Catanzarite, Argubright, and Perkins), 591 (Letter); Reply (DeVore), 592

Ferodiline

Effect of terodiline treatment in women with motor urge incontinence (Ulmsten, Ekman, and Andersson), 619

Testosterone

Serum testosterone concentrations in evaluation of androgen-producing tumors (Friedman et al.), 44

Tests

Evaluation of new generation of urinary pregnancy tests (Cartwright et al.), 730

Fetal acoustic stimulation testing: retrospective experience with fetal acoustic stimulation test (Smith et al.), 567

Interpretation of nonstress tests (Hage), 490 Predictive value of roll-over test in women with m

Predictive value of roll-over test in women with mild preeclampsia (Yemini et al.), 77

Prospective trial of fetal biophysical profile versus nonstress test in management of high-risk pregnancies (Platt et al.), 624

Receiver operating characteristic analysis of glycosylated hemoglobin and standard test for carbohydrate intolerance in pregnancy (Dierksheide), 113 (Letter)

Relationship of nonstress test to gestational age (Druzin et al.), 386

Screening for carbohydrate intolerance in pregnancy: comparison of two tests and reassessment of common approach (Cousins et al.), 381

Significance of sporadic heart rate deceleration during nonstress test (Wood and Poon), 708 (Letter); Reply (Mazor et al.), 708

Validity of leukocyte esterase reagent test strip in detecting significant leukocyturia (Marquette et al.), 888

Thoracic vertebrae

Management of autonomic hyperreflexia associated with low thoracic spinal cord lesion (Gimovsky et al.), 223

Thrombocytopenia

Failure of cesarean section to prevent intracranial hemorrhage in siblings with isoimmune neonatal thrombocytopenia (Sia et al.), 79

Thrombosis

Thrombosis due to permanent pacemaker and oral contraceptives (Halub, Robie, and Deere), 571

Thyroid gland

Idiopathic hypoparathyroidism with gestational diabetes (Blickstein, Kessler, and Lancet), 649

Tocolysis

Fetal and neonatal effects of indomethacin used as tocolytic agent (Veersema, de Jong, and van Wijck), 926 (Letter); Reply (Dudley and Hardie), 927

Fetal and neonatal effects of indomethacin used as tocolytic agent (Zuckerman and Shalev), 712 (Letter); Reply (Dudley), 713

Myotonic muscular dystrophy associated with ritodrine tocolysis (Streib, Sun, and Goodlin), 593 (Letter)

Preterm rupture of membranes: combination therapy (Van Dorsten, Horger, and Miller), 147

Short-term tocolysis adjunctive to intrapartum term breech management (Gimovsky), 233 (Letter)

Tomography, computerized

Steroid secretion by lipoid cell tumor causing virilization and its diagnosis with computerized tomography (Fonseca et al.), 797

Toxicity

Embryo toxicity of clomiphene citrate on mouse embryos fertilized in vitro and in vivo (Schmidt et al.), 679

Transactions

The South Atlantic Association of Obstetricians and Gynecologists, forty-seventh annual meeting, 119-23

Transfusion

Delayed hemolytic transfusion reaction: cause of late postoperative fever (Soper), 227

Triplets

Antenatal sonographic diagnosis of conjoined twins in triplet pregnancy (Koontz et al.), 230

Trisomy

Maternal serum α-fetoprotein screening of fetal trisomies (Hershey, Crandall, and Schroth), 224

Trophoblastic neoplasia

Risk factors for gestational trophoblastic neoplasia (Messerli et al.), 294

Tube, fallopian

Comparative clinical trial of tubal ring versus Rocket clip for female sterilization (Aranda et al.), 755

Vaginal douching as potential risk factor for tubal ectopic pregnancy (Chow et al.), 727

Twins

Alloimmunization in twin pregnancies (Bowman), 7

Antenatal sonographic diagnosis of conjoined twins in triplet pregnancy (Koontz et al.), 230

Maternal cardiovascular adaptations to twin pregnancy (Veille, Morton, and Burry), 261

Surveillance of twin pregnancy with umbilical arterial velocimetry (Farmakides et al.), 789

Twin delivery: how should second twin be delivered (Olofsson and Rydhström), 479 (Clinical Opinion)

U

Ultrasound

Anatomic basis for ultrasound images of human placenta (Vermeulen et al.), 806

Antenatal sonographic diagnosis of conjoined twins in triplet pregnancy (Koontz et al.), 230

Fetal blood sampling during pregnancy with use of needle guided by ultrasound: study of 606 consecutive cases (Daffos, Capella-Pavlovsky, and Forestier), 655

Intrapartum ultrasound diagnosis of nuchal cord as decisive factor in management (Feinstein et al.), 308

Prenatal diagnosis of occipital encephalocele (Chatterjee, Bondoc, and Adhate), 646

Prenatal ultrasonic diagnosis of cloacal exstrophy (Meizner and Bar-Ziv), 802

Real-time ultrasound estimations of weight in fetuses of diabetic gravid women (Tamura et al.), 57

Reliability of amniotic fluid volume estimation from ultrasonograms: intraobserver and interobserver variation before and after establishment of criteria (Halperin et al.),

Reliability of gynecologic sonographic diagnosis, 1978-1984 (Wade et al.), 186

Sonographic diagnosis of Down syndrome in second trimester (Benacerraf, Frigoletto, and Laboda), 49

Sonographic diagnosis of periappendicular abscess in pregnancy (Jaffe et al.), 623

Sonographic sign for detection of Down's syndrome (Castillo), 595 (Letter); Reply (Benacerraf, Barss, and Laboda), 595

α-Thalassemia hydrops fetalis: clinical and ultrasonographic considerations (Guy et al.), 500

Umbilical artery

Surveillance of twin pregnancy with umbilical arterial velocimetry (Farmakides et al.), 789

Umbilical cord

Intrapartum ultrasound diagnosis of nuchal cord as decisive factor in management (Feinstein et al.), 308

Maternal and cord blood glycated albumin and total serum proteins: correlation with maternal glycemic control and birth weight (Yatscoff, Mehta, and Dean), 783

Nonsuppressible insulin-like activity and somatomedin C levels in normal pregnant women, in pregnant women with gestational diabetes, and in umbilical cord blood of mature and premature infants (Samaan et al.), 457

Serum vitamin K₁ concentration and vitamin K—dependent clotting factor activity in maternal and fetal cord blood (Sann et al.), 771

University women

Cervical Chlamydia trachomatis infections in university women: relationship to history, contraception, ectopy, and cervicitis (Harrison et al.), 244

Urinary tract

Evaluation of new generation of urinary pregnancy tests (Cartwright et al.), 730

Uropathy

Systemic sclerosis and pregnancy complicated by obstructive uropathy (Moore et al.), 893

Uteru

Acute puerperal uterine inversion: two-step management with β -mimetic and prostaglandin (Thiery and Delbeke), 891

Biologic and morphologic development of donated human ova recovered by nonsurgical uterine lavage (Buster et al.), 211

Content of collagen and elastin cross-links pyridinoline and desmosines in human uterus in various reproductive states (Gunja-Smith and Woessner), 92

Corpus and ce-vix cancer: nutritional comparison (Orr et al.), 775

Cytochrome P-450 activity in human leiomyoma and normal myometrium (Senler et al.), 551

Electrical and mechanical uterine activity and gap junctions in peripartal sheep (Verhoeff et al.), 447

Influence of ovarian steroids on prostaglandin- and leukotriene-induced uterine contractions (Hahn et al.), 87

Intrapartum fetal monitoring and uterine rupture (Pollack and Park), 342 (Letter); Reply (Zuidema), 343

Magnesium sulfate and ritodrine hydrochloride: systemic and uterine hemodynamic effects (Thiagarajah, Harbert, and Bourgeois), 666

Relationship of uteroplacental blood flow to placental clearance of maternal plasma C-19 steroids: evaluation of mathematical models (Senner et al.), 573

Single injection of terbutaline in term labor. II. Effect on uterine activity (Ingemarsson, Arulkumaran, and Ratnam) 865

Systemic and uterine responsiveness to angiotensin JI and norepinephrine in estrogen-treated nonpregnant . .eep (Naden and Rosenfeld), 417

Use of intravenous terbutaline to facilitate uterine repositioning (Catanzarite, Argubright, and Perkins), 591 (Letter); Reply (DeVore), 592

Uterine rupture with use of vaginal prostaglandin E₂ (Elder), 342 (Letter); Reply (Claman), 342

V

Vagina

Abdominal sacral colpopexy with Mersilene mesh in retroperitoneal position in management of posthysterectomy vaginal vault prolapse and enterocele (Addison et al.), 140

Progesterone receptors in human vaginal tissue (Batra and Iosif), 524

Uterine rupture with use of vaginal prostaglandin E₂ (Elder, 342 (Letter); Reply (Claman), 342

Vaginal douching as potential risk factor for tubal ectopic pregnancy (Chow et al.), 727

In vitro adherence of *Lactobacillus* species to vaginal epithelial cells (Wood et al.), 740

Vaginal carcinoma

Microinvasive carcinoma of vagina: distinct clinical entity (Peters, Kumar, and Morley), 505

Vancomycin

Fetal distress secondary to vancomycin-induced maternal hypotension (Hill), 74

Vasa previa

Use of fetal scalp hematocrit in diagnosis of severe hemorrhage from vasa previa (Silva et al.), 307

Vascular malformation

Cervical vascular malformation as cause of antepartum and intrapartum bleeding in three diethylstilbestrol-exposed progeny (Follen, Fox, and Levine), 890

Velocimetry

Surveillance of twin pregnancy with umbilical arterial velocimetry (Farmakides et al.), 789

Verapamil

Transplacental treatment of tachycardia-induced fetal heart failure with verapamil and amiodarone: case report (Rey et al.), 311

Virilizatio

Steroid secretion by lipoid cell tumor causing virilization and its diagnosis with computerized tomography (Fonseca et al.), 797

Virus

Genital herpes in pregnancy: risk factors associated with recurrences and asymptomatic viral shedding (Brown et al.), 24 Study of interferon production during pregnancy in mice and antiviral activity in placenta (Yamada et al.), 335

Vitamins

Serum vitamin K₁ concentration and vitamin K-dependent clotting factor activity in maternal and fetal cord blood (Sann et al.), 771

Vocal cords

Meconium below vocal cords at delivery: correlation with intrapartum events (Dooley et al.), 767

Vulva

Granular cell myoblastoma of vulva in 6-year-old girl (Brooks), 897

Laser therapy for vulvar molluscum contagiosum infection (Amstey and Trombetta), 800

Phycomycosis of vulva (Scott, Gallis, and Livengood), 675

W

Warts, genital

Genital warts and cervical cancer. VII. Improved colposcopic index for differentiating benign papillomaviral infections from high-grade cervical intraepithelial neoplasia (Reid and Scalzi), 611

Improved laser techniques for the elimination of genital and extragenital warts (Baggish), 545

Weight, feta

Real-time ultrasound estimations of weight in fetuses of diabetic gravid women (Tamura et al.), 57

X

Xeroradiography

Confirmation of xeroradiography as important postmortem fetal diagnostic technique (Graham et al.), 347

X-ray pelvimetry

X-ray pelvimetry in breech protocol: comparison of digital radiography and conventional methods (Gimovsky et al.), 887

